

# Wall2Floor Block

## Bi-component epoxy vapour barrier for the “Wall2Floor System”

### DESCRIPTION OF THE PRODUCT

**Wall2Floor Block** is a bi-component product, formulated with epoxy resins, suitable for the creation of a vapour barrier and specific for the “**Wall2Floor System**”.

**Wall2Floor Block** mixed with **Wall2Floor Sand** allows the creation of an epoxy, tri-component base coat, specific for the “**Wall2Floor System**”.

### APPLICATIONS

Preparation of the horizontal surfaces in the “**Wall2Floor System**”.

### IDENTIFICATION FEATURES

Bulk density:

**Wall2Floor Block Component A:** 1.09 g/ml +/- 3%

**Wall2Floor Block Component B:** 1.09 g/ml +/- 3%

### PREPARATION OF THE SUBSTRATE

Refer to the “**Wall2Floor System**” technical sheet.

### APPLICATION

Refer to the “**Wall2Floor System**” technical sheet.

### PREPARING THE MIXTURE

Catalysis ratio by weight: 10 parts of **Component A** + 6 parts of **Component B**

Homogenize **Component A** from any sediment.

Pour **Component B** into **Component A** and mix manually for approx. 45-60 seconds. Alternatively, mixing is possible using a mechanical mixer fitted with whisk operating slowly for approx. 1 minute.

The mixture obtained must not have lumps, portions of the two components unmixed, impurities.

For use as a tri-component, quartz epoxy base-coat, mix **Wall2Floor Block A + B** with 10.75 kg of **Wall2Floor Sand** and apply using a stainless steel spatula.

Lifespan of the mixture: approx. 60 minutes.

### DILUTION

It cannot be diluted.

### PRECAUTIONS

Correct use of individual protection equipment (PPE) is recommended during all preparation of the substrate, products and application of the same.

Do not expose the products to direct heat sources or temperatures below +5°C for long periods of time.

If the products are stocked at temperature of approx. +5°C, before use it is recommended to take them to a place with suitable temperature, in a way to condition them to a temperature of use no lower than +10°C. Do not heat the products using a direct heat source, flame, hot body or similar.

The low temperatures increase the viscosities in the jar making use difficult and they lengthen or prevent the drying and hardening process of the various products.

It is recommended to finish the job using the same production batch. If different batches are used, we advise mixing the different batches together.

### CLEANING EQUIPMENT

With nitro-thinner.

### COVERAGE

**Wall2Floor Block mixture (A+B):** 0.300-0.400 Kg/m<sup>2</sup> in the two layers, according to the finish of the substrate and its absorption.

**Wall2Floor Block mixture (A+B) + Wall2Floor Sand:** 3.5 – -4.0 Kg/m<sup>2</sup> per individual layer, according to the finish of the substrate and its absorption.

### COLOURS

Colourless.

### PACKAGING

**Wall2Floor Block Component A:** 3.3 l

**Wall2Floor Block Component B:** 2 l (2 pieces x 1 l each)

**Wall2Floor Sand:** 25 Kg

### STORAGE CONDITIONS AND SHELF LIFE

In a jar and as long as it is kept in a covered warehouse at a temperature between +10° C and +30° C, the material has duration of 12 months.

### SAFETY INDICATIONS

Directive 2004/42/EC:

Wall2Floor Block (high-performance bi-component paints)

EU limit value for Wall2Floor Block (cat A/j):140 g/l (2010)

Wall2Floor Block contains max. 140 g/l VOC.

Contains epoxy constituents: read the information provided by the manufacturer / Harmful by inhalation / Irritating to the respiratory system / May cause sensitisation by contact with the skin / Toxic to aquatic life, it can cause long-term negative effects.

The product must be transported, used and stored in accordance with current legislation concerning health and safety; let residues dry out completely and treat them as special waste.

For further information, consult the MSDS.

N.B.- COLORIFICIO NOVACOLOR guarantees that the information herein is provided to the best of its experience and its technical and scientific knowledge; however, it cannot assume any liability for the results obtained using these products since the conditions of application are beyond its control. We recommend that you always check the suitability of the product to each specific use. This current edition supersedes all previous information sheets.

# Wall2Floor-Commercial System

Seamless system for the decoration of walls and floorings.

## DESCRIPTION

**Wall2Floor Commercial** is a version of **Wall2Floor** mineral coating characterised by high resistance to pedestrian traffic typical of commercial surfaces.

**Wall2Floor Commercial** thanks to the combination of **Wall2Floor Block** a two-component epoxy primer and **Wall2Floor Epoxy Binder** a three-component epoxy-based cementitious skim coat can create a compact and impact-resistant base. Finishing with one of the **Wall2Floor Clear Finish** paints creates a high abrasion-resistant finished surface, an essential prerequisite for all surfaces subject to high pedestrian traffic.

**Wall2Floor Commercial** is suitable for decorating horizontal and vertical internal surfaces.

**Wall2Floor Commercial** performance was tested for resistance to wear and tear according to **UNI EN ISO 5470-1** and for resistance to impact according to **UNI EN ISO 6272**.

## APPLICATIONS

**Wall2Floor Commercial** represents a perfect solution for any residential and commercial needs, such as showrooms, reception areas, hotels and public offices. The various solutions offered, specific for each intended use can meet the needs of a variety of areas of application.

The **Wall2Floor system** can be applied to:

- Concrete
- Screeds (traditional cement screeds, heated or floating screeds, etc.).
- Surfaces covered with ceramic, porcelain and mosaic tiling
- Surfaces with existing epoxy or polyurethane coatings
- Surfaces in natural and rebuilt stone
- Mineral conglomerates of various kinds, provided they are absorbent
- New and old plasters based on hydraulic binders
- Organic or mineral decorative coatings
- Surfaces in plaster and plasterboard (only vertical).

## Requirements:

Surfaces must be clean, dry and compact and free from flaking, salt bloom or damp, wax, oil and dust.

When applying to heated screeds, ensure that all necessary tests have been completed before the application of the **Wall2Floor system** to avoid the formation of condensation, cracks or lesions on the surface, which are in no way connected to the application of the **Wall2Floor system**.

In shower stalls that have no ceramic pan, create a slope to allow water to drain.

**Dynamic joints must remain free to absorb any structural movement that may occur; they must not be joined or covered for any reason.**

## UNSUITABLE SUBSTRATES

**The Wall2Floor system cannot** be applied to forkliftable surfaces, horizontal or vertical substrates that do not offer the necessary guarantees in terms of bonding and dimensional stability.

The following substrates are not suitable:

- Forkliftable surfaces
- Wooden flooring
- Linoleum.
- Pre-finished wooden flooring.
- Painted and unpainted metal surfaces.
- Glass surfaces or concrete and glass blocks.
- Moist surfaces or surfaces with rising damp.
- Do not apply to bathroom fittings or other substrates where water may collect.

PREPARATION AND APPLICATION OF PRODUCTS OF THE WALL2FLOOR SYSTEM

Horizontal surfaces

	TRADITIONAL SCREEDS, CONCRETE, MINERAL CONGLOMERATES	SURFACES COVERED WITH CERAMIC TILING, IN NATURAL AND REBUILT STONE; SURFACES WITH EPOXY OR POLYURETHANE COATINGS	NON-PLANAR ABSORBENT MINERAL SURFACES
<b>Wall2Floor Rete</b>	•	•	•
<b>Wall2Floor Block (A+B)</b>	•	•	•
<b>Wall2Floor Block (A+B) + Wall2Floor Sand</b>	•	•	•
<b>Wall2Floor Easyflat</b>			•
<b>Wall2Floor Epoxy Binder (A+B) + Wall2Floor Rasal</b>	•	•	•
2 coats of <b>Wall2Floor Top Coat + Wall2Floor Component B</b>  or  2 coats of <b>Wall2Floor Top Coat Fine + Wall2Floor Component B</b>	•  •*	•  •*	•  •*
<b>Wall2Floor Patina</b>	•**	•**	•**
<b>Wall2Floor Primer</b>	•	•	•
2 coats of <b>Wall2Floor Clear Finish (Matt/Satin/Glossy) (A+B)</b>	•	•	•

\*When applying **Wall2Floor Top Coat Fine** do not apply **Wall2Floor Primer**

\*\*If decorating with **Wall2Floor Patina** apply it before applying **Wall2Floor Primer**

You must use either **Wall2Floor Top Coat** or **Wall2Floor Top Coat Fine**

Clean the equipment immediately after use; for **Wall2Floor Block A** and **B**, **Wall2Floor Block (A+B) + Wall2Floor Sand** clean the equipment using a nitro thinner.

**PREPARATION AND APPLICATION OF PRODUCTS OF THE WALL2FLOOR SYSTEM**

**Vertical Surfaces**

	<b>TRADITIONAL SCREEDS, CONCRETE, MINERAL CONGLOMERATES</b>	<b>SURFACES COVERED WITH CERAMIC TILING, IN NATURAL AND REBUILT STONE; SURFACES WITH EPOXY OR POLYURETHANE COATINGS</b>	<b>NON-PLANAR ABSORBENT MINERAL SURFACES</b>
<b>Decofix</b>	•		•
<b>Wall2Floor Athena</b>		•	
<b>Wall2Floor Rasal</b>		•	•
<b>Wall2Floor Rete</b>		•	•
<b>Wall2Floor Rasal</b>		•	•
2 coats of <b>Wall2Floor Top Coat + Wall2Floor Component B</b>	•	•	•
or			
2 coats of <b>Wall2Floor Top Coat Fine + Wall2Floor Component B</b>	•*	•*	•*
<b>Wall2Floor Patina</b>	•**	•**	•**
<b>Wall2Floor Primer</b>	•	•	•
2 coats of <b>Wall2Floor Clear Finish (Matt/Satin/Glossy) (A+B)</b>	•	•	•

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\*When applying **Wall2Floor Top Coat Fine** do not apply **Wall2Floor Primer**  
\*\*If decorating with **Wall2Floor Patina** apply it before applying **Wall2Floor Primer**  
You must use either **Wall2Floor Top Coat** or **Wall2Floor Top Coat Fine**

### ENVIRONMENTAL CONDITIONS

Protect the surfaces from freezing and thermal shocks throughout the application. Do not apply when air, substrate or product temperatures are below +10°C or above +35°C, or under direct sunlight or on hot surfaces (even when in shadow), nor on damp or wet surfaces.

The required environmental and substrate conditions for the application of the **Wall2Floor system** are:

- Ambient temperature: Min. +10 °C / Max. +35 °C
- Relative ambient humidity: <75%
- Substrate temperature: Min. +10 °C / Max. +35 °C
- Relative humidity of the substrate: <4%

Failure to observe the conditions listed above may cause flaws or defects in the physical and chemical characteristics of the products and affect the aesthetic performance of the **Wall2Floor system**.

### Ancillary Technical Products:

**Wall2Floor Rete:** an alkali resistant fiberglass mesh with nominal weight between 70-90 ± 5% g/m<sup>2</sup>

The mesh must be incorporated in the first layer without overlapping the ends.

Dimensions: length 50.0 m and width 1.0 m.

### Primers

**Wall2Floor Block:** two-component epoxy steam barrier

Residual humidity: < 5%

Mixing ratio by weight: (100÷60): 3.3 Kg of **Wall2Floor Block Component A** + 2.0 Kg **Wall2Floor Block Component B**.

Preparing the mix: stir **Wall2Floor Block Component A** to incorporate any sediment. Pour **Wall2Floor Block Component B** into **Wall2Floor Block Component A** and mix by hand for approx. 45-60 seconds. You may also choose to use a mechanical stirrer with paddle at slow speed for approx. 1 minute. The final mix will be free of lumps, impurities or unmixed residues of the two components.

Dilution: the product cannot be diluted.

Pot life of mix: approx. 60 minutes

Application equipment: roller.

Application: before applying, place an alkali resistant fiberglass mesh with nominal weight between 70-90 ± 5% g/m<sup>2</sup> on the surface (**Wall2Floor Rete**). Draw the ends close without overlapping. Cover the mesh by applying **Wall2Floor Block** with a roller, making sure to spread the product evenly and over the entire surface.

No. of coats: 1

Coverage rate (referred to A+B mix) 0.300-0.400 Kg/m<sup>2</sup> per coat

Drying time: touch dry after approx. 4-6 hours; over painting possible after 8 hours

**Wall2Floor Block + Wall2Floor Sand:** Tri-component quartz epoxy primer

Mixing ratio by weight: 3.3 Kg of **Wall2Floor Block Component A** + 2.0 Kg **Wall2Floor Block Component B** + 10.75 Kg of **Wall2Floor Sand** (quartz sand 0.3-0.9 mm).

Preparing the mix: stir **Wall2Floor Block Component A** to incorporate any sediment. Pour **Wall2Floor Block Component B** into **Wall2Floor Primer Component A** and mix for approx. 45-60 seconds. Add **Wall2Floor Sand** gradually to the obtained mix while stirring continuously. Use a mechanical spiral stirrer to blend the mix; this operation cannot be performed manually.

Mixing time: about three minutes to a uniform mix. The mix obtained must be uniform and free of lumps.

**While using, continue to blend the mix manually to prevent sand stratification**

Dilution: the product cannot be diluted.

Pot life of mix: approx. 60 minutes

Application equipment: stainless steel trowel.

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**Application:** apply a layer of the above mixture making sure to cover the mesh. For proper use of the material and not to alter its performance and features, stir the mortar frequently.

**No. of coats:** 1

**Coverage rate (referred to A+B mix + Wall2Floor Sand):** 3.6-4.0 Kg/m<sup>2</sup> per coat.

**Drying time:** touch dry after approx. 6-8 hours; over painting possible after 12 hours

### Skim coats

**Wall2Floor Easyflat:** Cement-based self-leveling mortar with low shrinkage.

**Mixing ratio:** use 4 litres of clean water for each 25 kg **Wall2Floor Easyflat**.

**Preparing the mix:** pour the mixing water into a clean container. Slowly add **Wall2Floor Easyflat** to the water using a mechanical spiral stirrer.

**Mixing time:** about three minutes to a uniform mix. The mix obtained must be a uniform, thixotropic mortar free of lumps. Stirring cannot be performed manually.

**Pot life of mix:** approx. 20 minutes

**Application equipment:** stainless steel trowel.

**Application:** apply a layer of **Wall2Floor Easyflat**, spread the product evenly and over the entire surface. The product can be applied in thicknesses from 3 mm to 20 mm. Separate the surface in sections for thicknesses greater than 3 mm.

**No. of coats:** 1

**Coverage rate (referred to powder):** 2.5-6.8 kg/m<sup>2</sup> for thicknesses of 5 mm, per each coat.

**Drying time for thicknesses up to 3 mm:** touch dry after approx. 6-8 hours; over painting possible after 12 hours; for thicknesses greater than 3 mm up to 3 days.

**Wall2Floor Epoxy Binder Component A and B + Wall2Floor Rasal:** three-component epoxy-cementitious skim coat

**Mixing ratio by weight:** 2 parts of **Wall2Floor Epoxy Binder Component A** (1.6 l) + 1 part **Wall2Floor Epoxy Binder Component B** (0.8 l) + 25 Kg of **Wall2Floor Rasal**.

**Dilution:** the final mix (1.6 l of component A + 0.8 l of component B) must be diluted by adding 2.5 l of water.

**Preparing the mix:** stir **Wall2Floor Epoxy Binder Component A** to incorporate any sediment. Pour **Wall2Floor Epoxy Binder Component B** into **Wall2Floor Epoxy Binder Component A** and mix for approx. 45-60 seconds. Add **Wall2Floor Rasal** gradually to the obtained mix while stirring continuously. Use a mechanical spiral stirrer to blend the mix; this operation cannot be performed manually.

**Mixing time:** about three minutes to a uniform mix. The mix obtained must be a uniform, thixotropic mortar free of lumps.

**Periodically blend the mix to prevent the stratification of inert matter.**

**Pot life of mix:** approx. 60 minutes

**Application equipment:** stainless steel trowel.

**Application:** apply a coat of **Wall2Floor Epoxy Binder Component A and B + Wall2Floor Rasal** evenly on the surface.

**No. of coats:** 1

**Coverage rate (referred to A+B mix + Wall2Floor Rasal):** 2.0-2.5 Kg/m<sup>2</sup> per coat

**Drying time for thicknesses up to 3 mm:** touch dry after approx. 6-8 hours; over painting possible after 12 hours.

**Wall2Floor Rasal NF:** preparation cementitious skim coat.

**Mixing ratio:** use 5-6 litres of clean water for each 25 kg package of **Wall2Floor Rasal**.

**Preparing the mix:** pour the mixing water into a clean container. Slowly add **Wall2Floor Rasal** to the water using a mechanical spiral stirrer.

**Mixing time:** about three minutes to a uniform mix. The mix obtained must be a uniform, thixotropic mortar free of lumps. Stirring cannot be performed manually.

**Pot life of mix:** approx. 120 minutes

**Application equipment:** stainless steel trowel.

**Application on vertical substrates:** apply a first coat of **Wall2Floor Rasal** incorporating an alkali resistant fiberglass mesh with nominal weight between 70-90 ± 5% g/m<sup>2</sup> (**Wall2Floor Rete**). Draw the ends close without overlapping. Wait for the surface to dry, usually between 6-8 hours, and then apply a second layer of **Wall2Floor Rasal** with stainless steel trowel to level the surface.

**No. of coats:** 2

**Coverage rate (referred to powder):** 0.8-2.5 Kg/m<sup>2</sup> per coat

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Drying time: touch dry after approx. 6-8 hours; over painting possible after 8 hours

### Decorative coatings

**Wall2Floor Top Coat:** decorative coating for horizontal and vertical surfaces.

Mixing ratio by weight: 15 Kg of **Wall2Floor Top Coat** + 5 Kg of **Wall2Floor Component B**.

Dilution: it is possible to dilute the final mix by adding up to 5% of water.

Tinting: stir **Wall2Floor Top Coat** before colouring. Tint using the **Mixcolor** colouring system by **Novacolor**. Mix the colouring agent with **Wall2Floor Top Coat** using a gyroscopic stirrer or a mechanical spiral stirrer.

Preparing the mix: only immediately before applying the product at the job site add to each 15 kg package of **Wall2Floor Top Coat**, a 5 kg package of **Wall2Floor Component B**. The powder component (**Wall2Floor Component B**) must be added gradually and blending performed using a mechanical spiral stirrer. The mixing of the two components cannot be performed manually.

Mixing time: about three minutes to a uniform mix. The mix obtained must be a uniform, thixotropic mortar free of lumps.

Pot life of mix: approx. 120 minutes

Application equipment: stainless steel trowel.

Application: apply a first coat of **Wall2Floor Top Coat**, previously mixed with **Wall2Floor Component B** to smooth the surface. Wait for the surface to dry, usually between 6-8 hours, and then apply a second layer of **Wall2Floor Top Coat**, previously mixed with **Wall2Floor Component B**, and work the surface to obtain the desired aesthetic effect.

No. of coats: 2

Coverage rate (referred to the mix Wall2Floor Top Coat + Wall2Floor Component B): 1.2-1.5 kg/m<sup>2</sup>, on the two coats.

Drying time: touch dry after approx. 6-8 hours; over painting possible after 8 hours

**Wall2Floor Top Coat Fine:** fine decorative coating for internal and external horizontal and vertical surfaces.

Mixing ratio by weight: 15 Kg of **Wall2Floor Top Coat Fine** + 5 Kg of **Wall2Floor Component B**.

Dilution: it is possible to dilute the final mix by adding up to 5% of water.

Tinting: stir **Wall2Floor Top Coat Fine** before colouring. Tint using the **Mixcolor** colouring system by **Novacolor**. Mix the colouring agent with **Wall2Floor Top Coat Fine** using a gyroscopic stirrer or a mechanical spiral stirrer.

Preparing the mix: only immediately before applying the product at the job site add to each 15 kg package of **Wall2Floor Top Coat Fine**, a 5 kg package of **Wall2Floor Component B**. The powder component (**Wall2Floor Component B**) must be added gradually and blending performed using a mechanical spiral stirrer. The mixing of the two components cannot be performed manually.

Mixing time: about three minutes to a uniform mix. The mix obtained must be a uniform, thixotropic mortar free of lumps.

Pot life of mix: approx. 120 minutes

Application equipment: stainless steel trowel.

Application: apply a first coat of **Wall2Floor Top Coat Fine**, previously mixed with **Wall2Floor Component B** to smooth the surface. Wait for the surface to dry, usually between 6-8 hours, and then apply a second layer of **Wall2Floor Top Coat Fine**, previously mixed with **Wall2Floor Component B**, and work the surface to obtain the desired aesthetic effect.

No. of coats: 2

Coverage rate (referred to the mix Wall2Floor Top Coat Fine + Wall2Floor Component B): 1.0-1.2 kg/m<sup>2</sup>, with two coats.

Drying time: touch dry after approx. 6-8 hours; over painting possible after 8 hours

**Wall2Floor Component B:** powder admixture specifically for **Wall2Floor Top Coat** and **Wall2Floor Top Coat Fine**.

### Decorative ancillary products

**Wall2Floor Patina (Gold, Silver, Platino, Opaca):** decorative glaze for internal surfaces

Preparing the product: stir the product manually before use.

Tinting: stir **Wall2Floor Patina** before colouring. Tint using the **Mixcolor** colouring system by **Novacolor**. Mix using a gyroscopic stirrer.

Dilution: the product is ready to use; do not dilute.

Application equipment: stainless steel trowel, sponge, sponge trowel.

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Application: using a stainless steel trowel, sponge, or sponge trowel apply a coat of **Wall2Floor Patina**, working the surface to obtain the desired aesthetic effect.

No. of coats: 1

Coverage rate: 8-15 m<sup>2</sup>/l, with one coat.

Drying time: touch dry after approx. 6-8 hours; over painting possible after 8 hours

### Sealer

**Wall2Floor Primer:** High-penetration two-component epoxy primer

Mixing ratio by weight: 2 parts of component A + 1 part of component B

Preparing the mix: stir Wall2Floor Primer Component A to incorporate any sediment. Pour **Wall2Floor Primer Component B** into **Wall2Floor Primer Component A** and mix by hand for approx. 45-60 seconds.

Dilution: dilute the final mix (0.500 l of component A + 0.250 l of component B) by adding 3 l of water.

Application equipment: mohair roller for spreading; sponge trowel for levelling.

Pot life of mix: approx. 60 minutes

Application: apply a coat of **Wall2Floor Primer** prepared in advance. Spread the product evenly and smoothly over the entire surface, ensuring saturation according to substrate porosity, using a sponge trowel. Throughout each stage of finishing, wait at least 72 hours before applying a coat over the preceding layer.

No. of coats: 1

Coverage rate (referred to A+B mix): 80-90 m<sup>2</sup>/l, with one coat.

Drying time: touch dry after approx. 10-12 hours; over painting possible after 12 hours

### Protections

**Wall2Floor Clear Finish (Matt, Satin, Glossy):** two-component water-based polyurethane finish

Mixing ratio by weight: 10 parts of component A + 3 parts of component B

Preparing the mix: stir **Wall2Floor Clear Finish A** to incorporate any sediment. Pour **Wall2Floor Clear Finish B** into **Wall2Floor Clear Finish A** and mix by hand for approx. 45-60 seconds. You may also choose to use a mechanical stirrer with paddle at slow speed for approx. 1 minute. The final mix will be free of lumps, impurities or unmixed residues of the two components.

Dilution: it is possible to dilute the final mix by adding up to 10% of water.

Before applying each layer of **Wall2Floor Clear Finish** we advise filtering the mix using a cloth or nylon filter or a specific paint filter-funnel with a 40-90 micron mesh.

Pot life of mix: approx. 60 minutes

Application: apply a coat of **Wall2Floor Clear Finish** prepared in advance. Apply two coats of **Wall2Floor Clear Finish** prepared in advance. Spread the product evenly and over the entire surface, avoiding build-up. Be especially careful when applying around corners and edges. Wait for sufficient drying time between one layer and the other.

No. of coats: 2

Coverage rate (referred to A+B mix): 6-7 m<sup>2</sup>/l, with two coats.

Drying time: walkable after at least 24 hours; complete cure: 7 days

### CLEANING THE EQUIPMENT

Clean the equipment immediately after use. For **Wall2Floor Block A** and **B**, **Wall2Floor Block (A+B)** + **Wall2Floor Sand** clean the equipment using a nitro thinner.

For all other products, use water to clean the equipment.

### STORAGE CONDITIONS AND SHELF LIFE

Stability in the original unopened containers, stored under cover and in adequate temperature conditions: 1 year for powder products and two-component products and two years for paste products.

Maximum storage temperature: +35°C

Minimum storage temperature: +5°C.

### TINTING

Colours are obtainable using the tinting system Mixcolor by Novacolor. It is advisable to use only resistant colouring pastes tested on mineral systems with strongly alkaline pH. **Wall2Floor Top Coat**, **Wall2Floor Top Coat Fine**, and **Wall2Floor Patina Neutra** can be coloured. Regarding **Wall2Floor Top Coat**, this operation must always be carried out before the addition of **Wall2Floor Component B**. It is good practice to always use material from the same manufacturing batch.



## WARNINGS

Prolonged contact with soaps, oils, creams and liquids in general or with wet objects may lead to stains or smudges on the surface where the contact occurs.

Allow at least four weeks' curing before applying to newly-laid concrete substrates.

The product should be used only by personnel with experience in laying floors.

Further details may be found in the **WALL2FLOOR SYSTEM ANNEX** to the technical data sheet.

## PRECAUTIONS

Check the suitability and condition of equipment and personal protective equipment (goggles, gloves, knee pads, etc.).

Do not expose the products to direct heat or temperatures below +5 °C for long periods. If the products are stored at temperatures close to +5°C, we recommend that prior to use they are placed in an area with higher and more appropriate temperatures so that when they are to be used the product temperature will not be below +10 °C. If stored at temperatures below +10° C, place the product in a properly heated room prior to use.

Do not heat the products using a direct source of heat, flame, heat element or similar. Low temperatures increase the pot viscosity making the mix difficult to use and lengthening or inhibiting the drying and hardening process of the various products.

If the **Wall2Floor system** is to be applied on both vertical and horizontal surfaces in the same environment, we recommend applying the system firstly to vertical surfaces and then to the horizontal surfaces.

Through all the phases of application of the **Wall2Floor system**, adhesive tape must only be removed once the hardening of each layer is complete.

It is advisable to finish each work with material from the same production batch. If using different production batches it is advisable to mix the various mixes in order to avoid slight differences in hues. For jobs where the use of different production batches is unavoidable, do not apply one colour directly alongside the other. Change the batch where there are breaks in the surfaces, such as mouldings, corners, expansion joints and so on.

Ensure that a correct quantity of product is applied, especially where there are corners, sharp edges, steps or risers. It is advisable to protect corners, sharp edges, steps and risers, with suitable edge protection. Consider using concealed edge protections, which will be embedded into the layers of **Wall2Floor Rasal and Wall2Floor Top Coat**.

Pay particular attention when applying the product inside shower stalls or on other surfaces exposed to contact with water. Do not leave pools of water in prolonged contact with the surface.

Edge protections available on the market can be glued on the finished surface to provide additional protection especially on edges and corners.

It is good practice to always use new or thoroughly cleaned equipment; if necessary replace tools after each application cycle.

### Important notes:

**The Wall2Floor is applied on site. During the application phases, marks left by the laying equipment (rollers, trowels, etc.) and the typical effects contributing to the decoration of the surface may be visible. It is advisable to take the necessary precautions to prevent that dust, insects or other materials, carried in accidentally, for example by the wind, remain embedded into the surface. It should not be forgotten that any material is subject to wear and tear and therefore to scratches. Pay particular attention when applying the product inside shower stalls or on other surfaces exposed to contact with water.**

**In shower stalls that have no ceramic pan, create a slope to allow water to drain. The construction of a shower pan must be designed during renovation or construction so as to include adequate waterproofing treatment. Do not leave pools of water in prolonged contact with the surface. Prolonged contact with soaps, oils, creams and liquids in general or with wet objects may lead to stains or smudges on the surface where the contact occurs.**

## CLEANING AND MAINTENANCE OF SURFACES

Do not clean the surface for the first time until the coating has hardened, generally, after a period of at least **7 days** (calculated at an average temperature of 25 °C and humidity of 60%). In general, surfaces coated with the **Wall2Floor system** can be washed with non-aggressive (neutral) detergents in cold or moderately

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warm water (never wash with temperatures above 40 °C to avoid thermal shocks and avoid steam cleaning). Do not use brushing machines that might affect and alter performance and aesthetic effect.

For the same reasons, do not use **strongly alkaline or acidic descaling products** that may compromise the surface coated with the **Wall2Floor system**.

The surfaces exhibit good resistance to a wide variety of substances commonly used in the home and professionally.

It is advisable to avoid prolonged contact with possibly aggressive substances by removing them quickly and cleaning with water to avoid possible corrosion of the surface of Wall2Floor.

**Avoid** prolonged contact with lemon coffee, lemon juice, tea, vinegar, tomato juice, descaling products and strongly alkaline or acidic detergents in general.

Sand and clean before performing maintenance of the surface layer. It is advisable to reapply the same finish following the instructions detailed above.

Maintenance, particularly if concentrated on a specific portion of the surface, may be visible.

## **SAFETY**

**Irritant / risk of serious damage to eyes / skin irritant / keep out of the reach of children / avoid contact with eyes / in case of contact with eyes, rinse immediately with plenty of water and seek medical advice / wear suitable gloves and protect eyes / face / do not breathe dust / if swallowed, seek medical advice immediately and show this container or label.**

**The product must be transported, used and stored in accordance with current legislation concerning health and safety; let residues dry out completely and treat them as special waste.**

**For further information, consult the MSDS.**

N.B. COLORIFICIO NOVACOLOR guarantees that the information herein is provided to the best of its experience and its technical and scientific knowledge; however, it cannot assume any responsibility for the results obtained using these products since the conditions of application are beyond its control. We recommend that you always check the suitability of the product to each specific use. This current edition supersedes all previous information sheets.

# Wall2Floor-Wellness System

Seamless system for the decoration of walls and floorings.

## DESCRIPTION

**Wall2Floor Wellness** is a declination of the **Wall2Floor** mineral coating, specific to the decoration of both horizontal and vertical surfaces, characterized by high physical and chemical resistance as required in the wellness sector.

Easily cleanable and hygienic surfaces with high resistance to different situations, to dry heat as in the case of Hot Stone massage, where hot basalt volcanic rocks are used, or the moist heat of facial baths or towels.

Good reaction against natural substances, officinal plants, oils, creams, aromas, essences normally used. Surfaces with an adequate durability difficult to reach with conventional systems.

**Wall2Floor Wellness** uses the protective finishes **Clear Finish Countertop Protection**, formulated and tested according to **EN 12720: 2013** and **EN 12721: 2013**.

**Wall2Floor Patina** also allows a strong customization of surfaces by adding to the selection of **Wall2Floor** colors, a touch of uniqueness.

## APPLICATIONS

**Wall2Floor Wellness** represents a perfect solution for any residential and commercial needs, such as SPAs and wellness areas. The various solutions offered, specific for each intended use can meet the needs of a variety of areas of application.

The **Wall2Floor system** can be applied to:

- Concrete
- Screeds (traditional cement screeds, heated or floating screeds, etc.).
- Surfaces covered with ceramic, porcelain and mosaic tiling
- Surfaces with existing epoxy or polyurethane coatings
- Surfaces in natural and rebuilt stone
- Mineral conglomerates of various kinds, provided they are absorbent
- New and old plasters based on hydraulic binders
- Organic or mineral decorative coatings
- Surfaces in plaster and plasterboard (only vertical).

## Requirements:

Surfaces must be clean, dry and compact and free from flaking, salt bloom or damp, wax, oil and dust.

When applying to heated screeds, ensure that all necessary tests have been completed before the application of the **Wall2Floor system** to avoid the formation of condensation, cracks or lesions on the surface, which are in no way connected to the application of the **Wall2Floor system**.

In shower stalls that have no ceramic pan, create a slope to allow water to drain.

**Dynamic joints must remain free to absorb any structural movement that may occur; they must not be joined or covered for any reason.**

## UNSUITABLE SUBSTRATES

**The Wall2Floor system cannot** be applied to forkliftable surfaces, horizontal or vertical substrates that do not offer the necessary guarantees in terms of bonding and dimensional stability.

The following substrates are not suitable:

- Forkliftable surfaces
- Wooden flooring
- Linoleum.
- Pre-finished wooden flooring.
- Painted and unpainted metal surfaces.
- Glass surfaces or concrete and glass blocks.
- Moist surfaces or surfaces with rising damp.
- Do not apply to bathroom fittings or other substrates where water may collect.

**PREPARATION AND APPLICATION OF PRODUCTS OF THE WALL2FLOOR SYSTEM**  
Horizontal surfaces

	<b>TRADITIONAL SCREEDS, CONCRETE, MINERAL CONGLOMERATES</b>	<b>SURFACES COVERED WITH CERAMIC TILING, IN NATURAL AND REBUILT STONE; SURFACES WITH EPOXY OR POLYURETHANE COATINGS</b>	<b>NON-PLANAR ABSORBENT MINERAL SURFACES</b>
<b>Decofix</b>	●		●
<b>Wall2Floor Athena</b>		●	
<b>Wall2Floor Easyflat</b>			●
<b>Wall2Floor Epoxy Binder (A+B) + Wall2Floor Rasal</b>	●	●	●
<b>Wall2Floor Rete</b>	●	●	●
<b>Wall2Floor Rasal</b>	●	●	●
2 Coats of <b>Wall2Floor Top Coat Fine + Wall2Floor Componente B</b>	●	●	●
<b>Wall2Floor Patina</b>	●*	●*	●*
2 Coats of <b>Clear Finish Countertop Protection (A+B)</b>	●	●	●

\* The application of **Wall2Floor Patina** is optional and depends on the achievement of a particular aesthetic effect.

## PREPARATION AND APPLICATION OF PRODUCTS OF THE WALL2FLOOR SYSTEM

### Vertical Surfaces

	TRADITIONAL SCREEDS, CONCRETE, MINERAL CONGLOMERATES	SURFACES COVERED WITH CERAMIC TILING, IN NATURAL AND REBUILT STONE; SURFACES WITH EPOXY OR POLYURETHANE COATINGS	NON-PLANAR ABSORBENT MINERAL SURFACES
<b>Decofix</b>	●		●
<b>Wall2Floor Athena</b>		●	
<b>Wall2Floor Epoxy Binder (A+B) + Wall2Floor Rasal</b>	●	●	●
<b>Wall2Floor Rete</b>	●	●	●
<b>Wall2Floor Rasal</b>	●	●	●
2 Coats of <b>Wall2Floor Top Coat Fine + Wall2Floor Componente B</b>	●	●	●
<b>Wall2Floor Patina</b>	●*	●*	●*
2 Coats of <b>Clear Finish Countertop Protection (A+B)</b>	●	●	●

\* The application of **Wall2Floor Patina** is optional and depends on the achievement of a particular aesthetic effect.

### ENVIRONMENTAL CONDITIONS

Protect the surfaces from freezing and thermal shocks throughout the application. Do not apply when air, substrate or product temperatures are below +10°C or above +35°C, or under direct sunlight or on hot surfaces (even when in shadow), nor on damp or wet surfaces.

The required environmental and substrate conditions for the application of the **Wall2Floor system** are:

- Ambient temperature: Min. +10 °C / Max. +35 °C
- Relative ambient humidity: <75%
- Substrate temperature: Min. +10 °C / Max. +35 °C
- Relative humidity of the substrate: <4%

Failure to observe the conditions listed above may cause flaws or defects in the physical and chemical characteristics of the products and affect the aesthetic performance of the **Wall2Floor system**.

### Fixatives

**Decofix:** waterbased micro emulsion fixative

Product preparation: dilute the product with clean water. The dilution depends on the type of surface to cover.

On gypsum and plasterboards: dilute from 50% to 100%.

On plasters, levelling products for thermal insulating system and on chalky walls and old paints: from 100% to 200% with water.

On concrete surfaces: from 200 % to 300% with water.

Application equipment: roller, brush.

Application: spread the product evenly and over the entire surface.

No. of coats: 1

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Coverage: 8-18 m<sup>2</sup>/l, per each coat, depending on the type of surface and its absorption

Drying time: touch dry after around 2-4 hours; over painting possible after 4 hours

**Wall2Floor Athena:** fixative based on acrylic polymers in aqueous dispersion specific for non-absorbent surfaces

Product preparation: Shake the product before the use.

Dilution: ready to use, do not dilute.

Application equipment: roller, brush.

Application: Spread the product evenly and over the entire surface paying attention to joints, corners and edges.

No. of coats: 1

Coverage: 15-20 m<sup>2</sup>/l, per each coat, depending on the type of surface.

Drying time: touch dry after around 4-6 hours; over painting possible after 8 hours

#### Skim coats

**Wall2Floor Easyflat:** Cement-based self-leveling mortar with low shrinkage.

Mixing ratio: use 4 litres of clean water for each 25 kg **Wall2Floor Easyflat**.

Preparing the mix: pour the mixing water into a clean container. Slowly add **Wall2Floor Easyflat** to the water using a mechanical spiral stirrer.

Mixing time: about three minutes to a uniform mix. The mix obtained must be a uniform, thixotropic mortar free of lumps. Stirring cannot be performed manually.

Pot life of mix: approx. 20 minutes

Application equipment: stainless steel trowel.

Application: apply a layer of **Wall2Floor Easyflat**, spread the product evenly and over the entire surface. The product can be applied in thicknesses from 3 mm to 20 mm. Separate the surface in sections for thicknesses greater than 3 mm.

No. of coats: 1

Coverage rate (referred to powder): 2.5-6.8 kg/m<sup>2</sup> for thicknesses of 5 mm, per each coat.

Drying time for thicknesses up to 3 mm: touch dry after approx. 6-8 hours; over painting possible after 12 hours; for thicknesses greater than 3 mm up to 3 days.

**Wall2Floor Epoxy Binder Component A and B + Wall2Floor Rasal:** three-component epoxy cementitious skim coat

Mixing ratio by weight: 2 parts of **Wall2Floor Epoxy Binder Component A** (1.6 l) + 1 part **Wall2Floor Epoxy Binder Component B** (0.8 l) + 25 Kg of **Wall2Floor Rasal**.

Dilution: the final mix ((1.6 l of component A + 0.8 l of component B) must be diluted by adding 2.5 l of water.

Preparing the mix: stir **Wall2Floor Epoxy Binder Component A** to incorporate any sediment. Pour **Wall2Floor Epoxy Binder Component B** into **Wall2Floor Epoxy Binder Component A** and mix for approx. 45-60 seconds. Add **Wall2Floor Rasal** gradually to the obtained mix while stirring continuously. Use a mechanical spiral stirrer to blend the mix; this operation cannot be performed manually.

Mixing time: about three minutes to a uniform mix. The mix obtained must be a uniform, thixotropic mortar free of lumps.

**Periodically blend the mix to prevent the stratification of inert matter.**

Pot life of mix: approx. 60 minutes

Application equipment: stainless steel trowel.

Application apply a first coat of levelling product incorporating an alkali resistant fiberglass mesh with nominal weight between 70-90 ± 5% g/m<sup>2</sup> (**Wall2Floor Rete**). Draw the ends close without overlapping. Evenly distribute the product on the entire surface.

No. of coats: 1

Coverage rate (referred to A+B mix + Wall2Floor Rasal): 2.0-2.5 Kg/m<sup>2</sup> per coat

Drying time for thicknesses up to 3 mm: touch dry after approx. 6-8 hours; over painting possible after 12 hours.

**Wall2Floor Rasal:** preparation cementitious skim coat.

Mixing ratio: use 5-6 litres of clean water for each 25 kg package of **Wall2Floor Rasal**.

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Preparing the mix: pour the mixing water into a clean container. Slowly add **Wall2Floor Rasal** to the water using a mechanical spiral stirrer.

Mixing time: about three minutes to a uniform mix. The mix obtained must be a uniform, thixotropic mortar free of lumps. Stirring cannot be performed manually.

Pot life of mix: approx. 120 minutes

Application equipment: stainless steel trowel.

Application: Evenly apply a coat of **Wall2Floor Rasal** on the entire surface.

No. of coats: 1

Coverage rate (referred to powder): 0.8-1.3 Kg/m<sup>2</sup> per coat

Drying time: touch dry after approx. 6-8 hours; over painting possible after 8 hours

#### Ancillary Technical Products:

**Wall2Floor Rete**: an alkali resistant fiberglass mesh with nominal weight between 70-90 ± 5% g/m<sup>2</sup>

During the applications on horizontal substrates, the mesh must be incorporated in the layer of **Wall2Floor**

**Epoxy Binder A + B + Wall2Floor Rasal** without overlapping the ends. In applications on vertical substrates the mesh must be incorporated in the first layer of **Wall2Floor Rasal**.

Dimensions: length 50.0 m and width 1.0 m.

#### Decorative coatings

**Wall2Floor Top Coat Fine**: fine decorative coating for internal and external horizontal and vertical surfaces.

Mixing ratio by weight: 15 Kg of **Wall2Floor Top Coat Fine** + 5 Kg of **Wall2Floor Component B**.

Dilution: it is possible to dilute the final mix by adding up to 5% of water.

Tinting: stir **Wall2Floor Top Coat Fine** before colouring. Tint using the **Mixcolor** colouring system by **Novacolor**. Mix the colouring agent with **Wall2Floor Top Coat Fine** using a gyroscopic stirrer or a mechanical spiral stirrer.

Preparing the mix: only immediately before applying the product at the job site add to each 15 kg package of **Wall2Floor Top Coat Fine**, a 5 kg package of **Wall2Floor Component B**. The powder component (**Wall2Floor Component B**) must be added gradually and blending performed using a mechanical spiral stirrer. The mixing of the two components cannot be performed manually.

Mixing time: about three minutes to a uniform mix. The mix obtained must be a uniform, thixotropic mortar free of lumps.

Pot life of mix: approx. 120 minutes

Application equipment: stainless steel trowel.

Application: apply a first coat of **Wall2Floor Top Coat Fine**, previously mixed with **Wall2Floor Component B** to smooth the surface. Wait for the surface to dry, usually between 6-8 hours, and then apply a second layer of **Wall2Floor Top Coat Fine**, previously mixed with **Wall2Floor Component B**, and work the surface to obtain the desired aesthetic effect.

No. of coats: 2

Coverage rate (referred to the mix **Wall2Floor Top Coat Fine** + **Wall2Floor Component B**): 1.0-1.2 kg/m<sup>2</sup>, with two coats.

Drying time: touch dry after approx. 6-8 hours; over painting possible after 8 hours

**Wall2Floor Component B**: powder admixture specifically for **Wall2Floor Top Coat** and **Wall2Floor Top Coat Fine**.

#### Decorative ancillary products

**Wall2Floor Patina (Gold, Silver, Platino, Opaca)**: decorative glaze for internal surfaces

Preparing the product: stir the product manually before use.

Tinting: stir **Wall2Floor Patina** before colouring. Tint using the **Mixcolor** colouring system by **Novacolor**.

Mix using a gyroscopic stirrer.

Dilution: the product is ready to use; do not dilute.

Application equipment: stainless steel trowel, sponge, sponge trowel.

Application: using a stainless steel trowel, sponge, or sponge trowel apply a coat of **Wall2Floor Patina**, working the surface to obtain the desired aesthetic effect.

No. of coats: 1

Coverage rate: 8-15 m<sup>2</sup>/l, with one coat.

Drying time: touch dry after approx. 6-8 hours; over painting possible after 8 hours

#### Protections

**Wall2Floor Clear Finish (Matt, Satin, Glossy):** two-component water-based polyurethane finish

Mixing ratio by weight: 10 parts of component A + 3 parts of component B

Preparing the mix: stir **Wall2Floor Clear Finish A** to incorporate any sediment. Pour **Wall2Floor Clear Finish B** into **Wall2Floor Clear Finish A** and mix by hand for approx. 45-60 seconds. You may also choose to use a mechanical stirrer with paddle at slow speed for approx. 1 minute. The final mix will be free of lumps, impurities or unmixed residues of the two components.

Dilution: it is possible to dilute the final mix by adding up to 10% of water.

Before applying each layer of **Wall2Floor Clear Finish** we advise filtering the mix using a cloth or nylon filter or a specific paint filter-funnel with a 40-90 micron mesh.

Pot life of mix: approx. 60 minutes

Application: apply a coat of **Wall2Floor Clear Finish** prepared in advance. Apply two coats of **Wall2Floor Clear Finish** prepared in advance. Spread the product evenly and over the entire surface, avoiding build-up. Be especially careful when applying around corners and edges. Wait for sufficient drying time between one layer and the other.

No. of coats: 2

Coverage rate (referred to A+B mix) 6-7 m<sup>2</sup>/l, with two coats.

Drying time: walkable after at least 24 hours; complete cure: 7 days

#### CLEANING THE EQUIPMENT

For all other products, use water to clean the equipment immediately after usage

#### STORAGE CONDITIONS AND SHELF LIFE

Stability in the original unopened containers, stored under cover and in adequate temperature conditions: 1 year for powder products and two-component products and two years for paste products.

Maximum storage temperature: +35°C

Minimum storage temperature: +5°C.

#### TINTING

Colours are obtainable using the tinting system **Mixcolor by Novacolor**. It is advisable to use only resistant colouring pastes tested on mineral systems with strongly alkaline pH. **Wall2Floor Top Coat**, **Wall2Floor Top Coat Fine**, and **Wall2Floor Patina Neutra** can be coloured. Regarding **Wall2Floor Top Coat**, this operation must always be carried out before the addition of **Wall2Floor Component B**. It is good practice to always use material from the same manufacturing batch.

#### WARNINGS

Prolonged contact with soaps, oils, creams and liquids in general or with wet objects may lead to stains or smudges on the surface where the contact occurs.

Allow at least four weeks' curing before applying to newly-laid concrete substrates.

The product should be used only by personnel with experience in laying floors.

Further details may be found in the **WALL2FLOOR SYSTEM ANNEX** to the technical data sheet.

#### PRECAUTIONS

Check the suitability and condition of equipment and personal protective equipment (goggles, gloves, knee pads, etc.).

Do not expose the products to direct heat or temperatures below +5 °C for long periods. If the products are stored at temperatures close to +5°C, we recommend that prior to use they are placed in an area with higher and more appropriate temperatures so that when they are to be used the product temperature will not be below +10 °C. If stored at temperatures below +10° C, place the product in a properly heated room prior to use.

Do not heat the products using a direct source of heat, flame, heat element or similar. Low temperatures increase the pot viscosity making the mix difficult to use and lengthening or inhibiting the drying and

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hardening process of the various products.

If the **Wall2Floor system** is to be applied on both vertical and horizontal surfaces in the same environment, we recommend applying the system firstly to vertical surfaces and then to the horizontal surfaces.

Through all the phases of application of the **Wall2Floor system**, adhesive tape must only be removed once the hardening of each layer is complete.

It is advisable to finish each work with material from the same production batch. If using different production batches it is advisable to mix the various mixes in order to avoid slight differences in hues. For jobs where the use of different production batches is unavoidable, do not apply one colour directly alongside the other. Change the batch where there are breaks in the surfaces, such as mouldings, corners, expansion joints and so on.

Ensure that a correct quantity of product is applied, especially where there are corners, sharp edges, steps or risers. It is advisable to protect corners, sharp edges, steps and risers, with suitable edge protection. Consider using concealed edge protections, which will be embedded into the layers of **Wall2Floor Rasal and Wall2Floor Top Coat**.

Pay particular attention when applying the product inside shower stalls or on other surfaces exposed to contact with water. Do not leave pools of water in prolonged contact with the surface.

Edge protections available on the market can be glued on the finished surface to provide additional protection especially on edges and corners.

It is good practice to always use new or thoroughly cleaned equipment; if necessary replace tools after each application cycle.

#### **Important notes:**

**The Wall2Floor is applied on site. During the application phases, marks left by the laying equipment (rollers, trowels, etc.) and the typical effects contributing to the decoration of the surface may be visible. It is advisable to take the necessary precautions to prevent that dust, insects or other materials, carried in accidentally, for example by the wind, remain embedded into the surface. It should not be forgotten that any material is subject to wear and tear and therefore to scratches. Pay particular attention when applying the product inside shower stalls or on other surfaces exposed to contact with water.**

**In shower stalls that have no ceramic pan, create a slope to allow water to drain. The construction of a shower pan must be designed during renovation or construction so as to include adequate waterproofing treatment. Do not leave pools of water in prolonged contact with the surface.**

**Prolonged contact with soaps, oils, creams and liquids in general or with wet objects may lead to stains or smudges on the surface where the contact occurs.**

#### **CLEANING AND MAINTENANCE OF SURFACES**

Do not clean the surface for the first time until the coating has hardened, generally, after a period of at least **7 days** (calculated at an average temperature of 25 °C and humidity of 60%). In general, surfaces coated with the **Wall2Floor system** can be washed with non-aggressive (neutral) detergents in cold or moderately warm water (never wash with temperatures above 40 °C to avoid thermal shocks and avoid steam cleaning). Do not use brushing machines that might affect and alter performance and aesthetic effect.

For the same reasons, do not use **strongly alkaline or acidic descaling products** that may compromise the surface coated with the **Wall2Floor system**.

The surfaces exhibit good resistance to a wide variety of substances commonly used in the home and professionally.

It is advisable to avoid prolonged contact with possibly aggressive substances by removing them quickly and cleaning with water to avoid possible corrosion of the surface of Wall2Floor.

**Avoid** prolonged contact with lemon coffee, lemon juice, tea, vinegar, tomato juice, descaling products and strongly alkaline or acidic detergents in general.

Sand and clean before performing maintenance of the surface layer. It is advisable to reapply the same finish following the instructions detailed above.

Maintenance, particularly if concentrated on a specific portion of the surface, may be visible.

#### **SAFETY**

**Irritant / risk of serious damage to eyes / skin irritant / keep out of the reach of children / avoid contact with eyes / in case of contact with eyes, rinse immediately with plenty of water and seek medical advice / wear suitable gloves and protect eyes / face / do not breathe dust / if swallowed, seek medical advice immediately and show this container or label.**

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**The product must be transported, used and stored in accordance with current legislation concerning health and safety; let residues dry out completely and treat them as special waste.  
For further information, consult the MSDS.**

N.B. COLORIFICIO NOVACOLOR guarantees that the information herein is provided to the best of its experience and its technical and scientific knowledge; however, it cannot assume any responsibility for the results obtained using these products since the conditions of application are beyond its control. We recommend that you always check the suitability of the product to each specific use. This current edition supersedes all previous information sheets.

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# Wall2Floor- Outdoor System

Seamless system for the decoration of walls and floorings.

## DESCRIPTION

**Wall2Floor Outdoor** is a specific declination of the **Wall2Floor** mineral coating for the decoration of both horizontal and vertical surfaces.

Thanks to the synergy of the various components **Wall2Floor Outdoor** allow to achieve high mechanical strengths associated with a long durability.

The two-component epoxy binder, **Wall2Floor Block**, Tri-component epoxy cementitious **Wall2Floor Epoxy Binder** and the fine decorative **Wall2Floor Top Coat Fine**, allow to reach an excellent aesthetic result associated with excellent adhesion to the support. **The Wall2Floor Clear Finish finishes in addition to being low-light, guarantee a high resistance to water and abrasion.**

**Wall2Floor Outdoor** performance has been tested in accordance with **UNI EN ISO 5470-1, UNI EN ISO 6272** and **EN 12720: 2013** guidelines.

**Wall2Floor Outdoor** uses as wall preparation product **Wall2Floor Block** an effective vapor barrier bi-component epoxy. In order to guarantee an excellent result in time, from a technical and aesthetic point of view, prior to the realization of **Wall2Floor Outdoor** it is essential to consider the destination of use of the surface (garden board, pedestrian path, pool edge, etc.), having care to evaluate the state and the presence of suitable backgrounds appropriate to the context.

For surfaces with water stagnation and pedestrian foot bouncing, for example near swimming pools, it is advisable to make with **Wall2Floor Rasal** and **Wall2Floor Top Coat Fine** Finish a slight texturization to provide less slippage.

## APPLICATIONS

**Wall2Floor Outdoor** represents a perfect solution for any residential and commercial needs, such as terraces and outdoor areas. The various solutions offered, specific for each intended use can meet the needs of a variety of areas of application.

The **Wall2Floor** can be applied to:

- Concrete
- Screeds (traditional cement screeds, heated or floating screeds, etc.).
- Surfaces covered with ceramic, porcelain and mosaic tiling
- Surfaces with existing epoxy or polyurethane coatings
- Surfaces in natural and rebuilt stone
- Mineral conglomerates of various kinds, provided they are absorbent
- New and old plasters based on hydraulic binders
- Organic or mineral decorative coatings

## Requirements:

Surfaces must be clean, dry and compact and free from flaking, salt bloom or damp, wax, oil and dust.

When applying to heated screeds, ensure that all necessary tests have been completed before the application of the **Wall2Floor system** to avoid the formation of condensation, cracks or lesions on the surface, which are in no way connected to the application of the **Wall2Floor system**.

In shower stalls that have no ceramic pan, create a slope to allow water to drain.

**Dynamic joints must remain free to absorb any structural movement that may occur; they must not be joined or covered for any reason.**

## UNSUITABLE SUBSTRATES

**The Wall2Floor system cannot** be applied to forkliftable surfaces, horizontal or vertical substrates that do not offer the necessary guarantees in terms of bonding and dimensional stability.

The following substrates are not suitable:

- Forkliftable surfaces
- Wooden flooring
- Linoleum.

- Pre-finished wooden flooring.
- Painted and unpainted metal surfaces.
- Glass surfaces or concrete and glass blocks.
- Moist surfaces or surfaces with rising damp.
- Do not apply to bathroom fittings or other substrates where water may collect.

## PREPARATION AND APPLICATION OF PRODUCTS OF THE WALL2FLOOR SYSTEM

### Horizontal surfaces

	TRADITIONAL SCREEDS, CONCRETE, MINERAL CONGLOMERATES	SURFACES COVERED WITH CERAMIC TILING, IN NATURAL AND REBUILT STONE; SURFACES WITH EPOXY OR POLYURETHANE COATINGS	NON-PLANAR ABSORBENT MINERAL SURFACES
Wall2Floor Mesh	●	●	●
Wall2Floor Block (A+B)	●	●	●
Wall2Floor Block (A+B) + Wall2Floor Sand	●	●	●
Wall2Floor Easyflat			●
Wall2Floor Epoxy Binder (A+B) + Wall2Floor Rasal	●	●	●
Wall2Floor Rasal	●	●	●
2 coats of Wall2Floor Top Coat Fine + Wall2Floor Component B	●	●	●
2 coats of Wall2Floor Clear Finish (Matt/Satin/Glossy) (A+B)	●	●	●

Clean the equipment immediately after use; for **Wall2Floor Block A and B**, **Wall2Floor Block (A+B) + Wall2Floor Sand** clean the equipment using a nitro thinner.

## PREPARATION AND APPLICATION OF PRODUCTS OF THE WALL2FLOOR SYSTEM

### Vertical Surfaces

	TRADITIONAL SCREEDS, CONCRETE, MINERAL CONGLOMERATES	SURFACES COVERED WITH CERAMIC TILING, IN NATURAL AND REBUILT STONE; SURFACES WITH EPOXY OR POLYURETHANE COATINGS	NON-PLANAR ABSORBENT MINERAL SURFACES
Decofix	●		●
Wall2Floor Athena		●	
Wall2Floor Rasal		●	●
Wall2Floor Mesh		●	●
Wall2Floor Rasal		●	●
2 coats of Wall2Floor Top Coat Fine + Wall2Floor Component B	●	●	●
2 coats of Wall2Floor Clear Finish (Matt/Satin/Glossy) (A+B)	●	●	●

### ENVIRONMENTAL CONDITIONS

Protect the surfaces from freezing and thermal shocks throughout the application. Do not apply when air, substrate or product temperatures are below +10°C or above +35°C, or under direct sunlight or on hot surfaces (even when in shadow), nor on damp or wet surfaces.

The required environmental and substrate conditions for the application of the **Wall2Floor system** are:

- Ambient temperature: Min. +10 °C / Max. +35 °C
- Relative ambient humidity: <75%
- Substrate temperature: Min. +10 °C / Max. +35 °C
- Relative humidity of the substrate: <4%

Failure to observe the conditions listed above may cause flaws or defects in the physical and chemical characteristics of the products and affect the aesthetic performance of the **Wall2Floor system**.

### Ancillary Technical Products

**Wall2Floor Rete:** an alkali resistant fiberglass mesh with nominal weight between 70-90 ± 5% g/m<sup>2</sup>

The mesh must be incorporated in the first layer without overlapping the ends.

Dimensions: length 50.0 m and width 1.0 m.

### Primers

**Wall2Floor Block:** two-component epoxy steam barrier

Residual humidity: < 5%

Mixing ratio by weight: (100÷60): 3.3 Kg of **Wall2Floor Block Component A** + 2.0 Kg **Wall2Floor Block Component B**.

Preparing the mix: stir **Wall2Floor Block Component A** to incorporate any sediment. Pour **Wall2Floor Block Component B** into **Wall2Floor Block Component A** and mix by hand for approx. 45-60 seconds.

You may also choose to use a mechanical stirrer with paddle at slow speed for approx. 1 minute. The final mix will be free of lumps, impurities or unmixed residues of the two components.

Dilution: the product cannot be diluted.

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Pot life of mix: approx. 60 minutes

Application equipment: roller.

Application: before applying, place an alkali resistant fiberglass mesh with nominal weight between 70-90 ± 5% g/m<sup>2</sup> on the surface (**Wall2Floor Rete**). Draw the ends close without overlapping. Cover the mesh by applying **Wall2Floor Block** with a roller, making sure to spread the product evenly and over the entire surface.

No. of coats: 1

Coverage rate (referred to A+B mix) 0.300-0.400 Kg/m<sup>2</sup> per coat

Drying time: touch dry after approx. 4-6 hours; over painting possible after 8 hours

The tools must be cleaned with **NITRO THINNER**

**Wall2Floor Block + Wall2Floor Sand:** Tri-component quartz epoxy primer

Mixing ratio by weight: 3.3 Kg of **Wall2Floor Block Component A** + 2.0 Kg **Wall2Floor Block Component B** + 10.75 Kg of **Wall2Floor Sand** (quartz sand 0.3-0.9 mm).

Preparing the mix: stir **Wall2Floor Block Component A** to incorporate any sediment. Pour **Wall2Floor Block Component B** into **Wall2Floor Primer Component A** and mix for approx. 45-60 seconds. Add **Wall2Floor Sand** gradually to the obtained mix while stirring continuously. Use a mechanical spiral stirrer to blend the mix; this operation cannot be performed manually.

Mixing time: about three minutes to a uniform mix. The mix obtained must be uniform and free of lumps.

**While using, continue to blend the mix manually to prevent sand stratification**

Dilution: the product cannot be diluted.

Pot life of mix: approx. 60 minutes

Application equipment: stainless steel trowel.

Application: apply a layer of the above mixture making sure to cover the mesh. For proper use of the material and not to alter its performance and features, stir the mortar frequently.

No. of coats: 1

Coverage rate (referred to A+B mix + Wall2Floor Sand): 3.6-4.0 Kg/m<sup>2</sup> per coat.

Drying time: touch dry after approx. 6-8 hours; over painting possible after 12 hours

The tools must be cleaned with **NITRO THINNER**

### Skim coats

**Wall2Floor Easyflat:** Cement-based self-leveling mortar with low shrinkage.

Mixing ratio: use 4 litres of clean water for each 25 kg **Wall2Floor Easyflat**.

Preparing the mix: pour the mixing water into a clean container. Slowly add **Wall2Floor Easyflat** to the water using a mechanical spiral stirrer.

Mixing time: about three minutes to a uniform mix. The mix obtained must be a uniform, thixotropic mortar free of lumps. Stirring cannot be performed manually.

Pot life of mix: approx. 20 minutes

Application equipment: stainless steel trowel.

Application: apply a layer of **Wall2Floor Easyflat**, spread the product evenly and over the entire surface. The product can be applied in thicknesses from 3 mm to 20 mm. Separate the surface in sections for thicknesses greater than 3 mm.

No. of coats: 1

Coverage rate (referred to powder): 2.5-6.8 kg/m<sup>2</sup> for thicknesses of 5 mm, per each coat.

Drying time for thicknesses up to 3 mm: touch dry after approx. 6-8 hours; over painting possible after 12 hours; for thicknesses greater than 3 mm up to 3 days.

**Wall2Floor Epoxy Binder Component A and B + Wall2Floor Rasal:** three-component epoxy cementitious skim coat

Mixing ratio by weight: 2 parts of **Wall2Floor Epoxy Binder Component A** (1.6 l) + 1 part **Wall2Floor Epoxy Binder Component B** (0.8 l) + 25 Kg of **Wall2Floor Rasal**.

Dilution: the final mix (1.6 l of component A + 0.8 l of component B) must be diluted by adding 2.5 l of water.

Preparing the mix: stir **Wall2Floor Epoxy Binder Component A** to incorporate any sediment. Pour **Wall2Floor Epoxy Binder Component B** into **Wall2Floor Epoxy Binder Component A** and mix for

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approx. 45-60 seconds. Add **Wall2Floor Rasal** gradually to the obtained mix while stirring continuously. Use a mechanical spiral stirrer to blend the mix; this operation cannot be performed manually.

Mixing time: about three minutes to a uniform mix. The mix obtained must be a uniform, thixotropic mortar free of lumps.

**Periodically blend the mix to prevent the stratification of inert matter.**

Pot life of mix: approx. 60 minutes

Application equipment: stainless steel trowel.

Application: apply a coat of **Wall2Floor Epoxy Binder Component A and B + Wall2Floor Rasal** evenly on the surface.

No. of coats: 1

Coverage rate (referred to A+B mix + Wall2Floor Rasal): 2.0-2.5 Kg/m<sup>2</sup> per coat

Drying time for thicknesses up to 3 mm: touch dry after approx. 6-8 hours; over painting possible after 12 hours.

**Wall2Floor Rasal NF**: preparation cementitious skim coat.

Mixing ratio: use 5-6 litres of clean water for each 25 kg package of **Wall2Floor Rasal**.

Preparing the mix: pour the mixing water into a clean container. Slowly add **Wall2Floor Rasal** to the water using a mechanical spiral stirrer.

Mixing time: about three minutes to a uniform mix. The mix obtained must be a uniform, thixotropic mortar free of lumps. Stirring cannot be performed manually.

Pot life of mix: approx. 120 minutes

Application equipment: stainless steel trowel.

Application on vertical substrates: apply a first coat of **Wall2Floor Rasal** incorporating an alkali resistant fiberglass mesh with nominal weight between 70-90 ± 5% g/m<sup>2</sup> (**Wall2Floor Rete**). Draw the ends close without overlapping. Wait for the surface to dry, usually between 6-8 hours, and then apply a second layer of **Wall2Floor Rasal** with stainless steel trowel to level the surface.

No. of coats: 1 in horizontal / 2 in vertical

Coverage rate (referred to powder): 0.8-1.3 Kg/m<sup>2</sup> per coat

Drying time: touch dry after approx. 6-8 hours; over painting possible after 8 hours

### Decorative coatings

**Wall2Floor Top Coat Fine**: fine decorative coating for internal and external horizontal surfaces.

Mixing ratio by weight: 15 Kg of **Wall2Floor Top Coat Fine** + 5 Kg of **Wall2Floor Component B**.

Dilution: it is possible to dilute the final mix by adding up to 5% of water.

Tinting: stir **Wall2Floor Top Coat Fine** before colouring. Tint using the **Mixcolor** colouring system by **Novacolor**. Mix the colouring agent with **Wall2Floor Top Coat Fine** using a gyroscopic stirrer or a mechanical spiral stirrer.

Preparing the mix: only immediately before applying the product at the job site add to each 15 kg package of **Wall2Floor Top Coat Fine**, a 5 kg package of **Wall2Floor Component B**. The powder component (**Wall2Floor Component B**) must be added gradually and blending performed using a mechanical spiral stirrer. The mixing of the two components cannot be performed manually.

Mixing time: about three minutes to a uniform mix. The mix obtained must be a uniform, thixotropic mortar free of lumps.

Pot life of mix: approx. 120 minutes

Application equipment: stainless steel trowel.

Application: apply a first coat of **Wall2Floor Top Coat Fine**, previously mixed with **Wall2Floor Component B** to smooth the surface. Wait for the surface to dry, usually between 6-8 hours, and then apply a second layer of **Wall2Floor Top Coat Fine**, previously mixed with **Wall2Floor Component B**, and work the surface to obtain the desired aesthetic effect.

No. of coats: 2

Coverage rate (referred to the mix Wall2Floor Top Coat Fine + Wall2Floor Component B): 1.0-1.2 kg/m<sup>2</sup>, with two coats.

Drying time: touch dry after approx. 6-8 hours; over painting possible after 8 hours

**Wall2Floor Component B**: powder admixture specifically for **Wall2Floor Top Coat** and **Wall2Floor Top Coat Fine**.



### Protections

**Wall2Floor Clear Finish (Matt, Satin, Glossy):** two-component water-based polyurethane finish

Mixing ratio by weight: 10 parts of component A + 3 parts of component B

Preparing the mix: stir **Wall2Floor Clear Finish A** to incorporate any sediment. Pour **Wall2Floor Clear Finish B** into **Wall2Floor Clear Finish A** and mix by hand for approx. 45-60 seconds. You may also choose to use a mechanical stirrer with paddle at slow speed for approx. 1 minute. The final mix will be free of lumps, impurities or unmixed residues of the two components.

Dilution: it is possible to dilute the final mix by adding up to 10% of water.

Before applying each layer of **Wall2Floor Clear Finish** we advise filtering the mix using a cloth or nylon filter or a specific paint filter-funnel with a 40-90 micron mesh.

Pot life of mix: approx. 60 minutes

Application: apply a coat of **Wall2Floor Clear Finish** prepared in advance. Apply two coats of **Wall2Floor Clear Finish** prepared in advance. Spread the product evenly and over the entire surface, avoiding build-up. Be especially careful when applying around corners and edges. Wait for sufficient drying time between one layer and the other.

No. of coats: 2

Coverage rate (referred to A+B mix) 6-7 m<sup>2</sup>/l, with two coats.

Drying time: walkable after at least 24 hours; complete cure: 7 days

### CLEANING THE EQUIPMENT

Clean the equipment immediately after use. For **Wall2Floor Block A** and **B**, **Wall2Floor Block (A+B)** + **Wall2Floor Sand** clean the equipment using a nitro thinner.

For all other products, use water to clean the equipment.

### STORAGE CONDITIONS AND SHELF LIFE

Stability in the original unopened containers, stored under cover and in adequate temperature conditions: 1 year for powder products and two-component products and two years for paste products.

Maximum storage temperature: +35°C

Minimum storage temperature: +5°C.

### TINTING

Colours are obtainable using the tinting system Mixcolor by Novacolor. It is advisable to use only resistant colouring pastes tested on mineral systems with strongly alkaline pH. **Wall2Floor Top Coat**, **Wall2Floor Top Coat Fine**, and **Wall2Floor Patina Neutra** can be coloured. Regarding **Wall2Floor Top Coat**, this operation must always be carried out before the addition of **Wall2Floor Component B**. It is good practice to always use material from the same manufacturing batch.

### WARNINGS

Prolonged contact with soaps, oils, creams and liquids in general or with wet objects may lead to stains or smudges on the surface where the contact occurs.

Allow at least four weeks' curing before applying to newly-laid concrete substrates.

The product should be used only by personnel with experience in laying floors.

Further details may be found in the **WALL2FLOOR SYSTEM ANNEX** to the technical data sheet.

### PRECAUTIONS

Check the suitability and condition of equipment and personal protective equipment (goggles, gloves, knee pads, etc.).

Do not expose the products to direct heat or temperatures below +5 °C for long periods. If the products are stored at temperatures close to +5°C, we recommend that prior to use they are placed in an area with higher and more appropriate temperatures so that when they are to be used the product temperature will not be below +10 °C. If stored at temperatures below +10° C, place the product in a properly heated room prior to use.

Do not heat the products using a direct source of heat, flame, heat element or similar. Low temperatures increase the pot viscosity making the mix difficult to use and lengthening or inhibiting the drying and hardening process of the various products.

If the **Wall2Floor system** is to be applied on both vertical and horizontal surfaces in the same environment,

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we recommend applying the system firstly to vertical surfaces and then to the horizontal surfaces.

Through all the phases of application of the **Wall2Floor system**, adhesive tape must only be removed once the hardening of each layer is complete.

It is advisable to finish each work with material from the same production batch. If using different production batches it is advisable to mix the various mixes in order to avoid slight differences in hues. For jobs where the use of different production batches is unavoidable, do not apply one colour directly alongside the other. Change the batch where there are breaks in the surfaces, such as mouldings, corners, expansion joints and so on.

Ensure that a correct quantity of product is applied, especially where there are corners, sharp edges, steps or risers. It is advisable to protect corners, sharp edges, steps and risers, with suitable edge protection. Consider using concealed edge protections, which will be embedded into the layers of **Wall2Floor Rasal and Wall2Floor Top Coat**.

Pay particular attention when applying the product inside shower stalls or on other surfaces exposed to contact with water. Do not leave pools of water in prolonged contact with the surface.

Edge protections available on the market can be glued on the finished surface to provide additional protection especially on edges and corners.

It is good practice to always use new or thoroughly cleaned equipment; if necessary replace tools after each application cycle.

#### **Important notes:**

**The Wall2Floor is applied on site. During the application phases, marks left by the laying equipment (rollers, trowels, etc.) and the typical effects contributing to the decoration of the surface may be visible. It is advisable to take the necessary precautions to prevent that dust, insects or other materials, carried in accidentally, for example by the wind, remain embedded into the surface. It should not be forgotten that any material is subject to wear and tear and therefore to scratches. Pay particular attention when applying the product inside shower stalls or on other surfaces exposed to contact with water.**

**In shower stalls that have no ceramic pan, create a slope to allow water to drain. The construction of a shower pan must be designed during renovation or construction so as to include adequate waterproofing treatment. Do not leave pools of water in prolonged contact with the surface.**

**Prolonged contact with soaps, oils, creams and liquids in general or with wet objects may lead to stains or smudges on the surface where the contact occurs.**

#### **CLEANING AND MAINTENANCE OF SURFACES**

Do not clean the surface for the first time until the coating has hardened, generally, after a period of at least **7 days** (calculated at an average temperature of 25 °C and humidity of 60%). In general, surfaces coated with the **Wall2Floor system** can be washed with non-aggressive (neutral) detergents in cold or moderately warm water (never wash with temperatures above 40 °C to avoid thermal shocks and avoid steam cleaning). Do not use brushing machines that might affect and alter performance and aesthetic effect.

For the same reasons, do not use **strongly alkaline or acidic descaling products** that may compromise the surface coated with the **Wall2Floor system**.

The surfaces exhibit good resistance to a wide variety of substances commonly used in the home and professionally.

It is advisable to avoid prolonged contact with possibly aggressive substances by removing them quickly and cleaning with water to avoid possible corrosion of the surface of Wall2Floor.

**Avoid** prolonged contact with lemon coffee, lemon juice, tea, vinegar, tomato juice, descaling products and strongly alkaline or acidic detergents in general.

Sand and clean before performing maintenance of the surface layer. It is advisable to reapply the same finish following the instructions detailed above.

Maintenance, particularly if concentrated on a specific portion of the surface, may be visible.

#### **SAFETY**

**Irritant / risk of serious damage to eyes / skin irritant / keep out of the reach of children / avoid contact with eyes / in case of contact with eyes, rinse immediately with plenty of water and seek medical advice / wear suitable gloves and protect eyes / face / do not breathe dust / if swallowed, seek medical advice immediately and show this container or label.**

**The product must be transported, used and stored in accordance with current legislation concerning health and safety; let residues dry out completely and treat them as special waste.**

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**For further information, consult the MSDS.**

N.B. COLORIFICIO NOVACOLOR guarantees that the information herein is provided to the best of its experience and its technical and scientific knowledge; however, it cannot assume any responsibility for the results obtained using these products since the conditions of application are beyond its control. We recommend that you always check the suitability of the product to each specific use. This current edition supersedes all previous information sheets.

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# Wall2Floor-Commercial System

Seamless system for the decoration of walls and floorings.

## DESCRIPTION

**Wall2Floor Commercial** is a version of **Wall2Floor** mineral coating characterised by high resistance to pedestrian traffic typical of commercial surfaces.

**Wall2Floor Commercial** thanks to the combination of **Wall2Floor Block** a two-component epoxy primer and **Wall2Floor Epoxy Binder** a three-component epoxy-based cementitious skim coat can create a compact and impact-resistant base. Finishing with one of the **Wall2Floor Clear Finish** paints creates a high abrasion-resistant finished surface, an essential prerequisite for all surfaces subject to high pedestrian traffic.

**Wall2Floor Commercial** is suitable for decorating horizontal and vertical internal surfaces.

**Wall2Floor Commercial** performance was tested for resistance to wear and tear according to **UNI EN ISO 5470-1** and for resistance to impact according to **UNI EN ISO 6272**.

## APPLICATIONS

**Wall2Floor Commercial** represents a perfect solution for any residential and commercial needs, such as showrooms, reception areas, hotels and public offices. The various solutions offered, specific for each intended use can meet the needs of a variety of areas of application.

The **Wall2Floor system** can be applied to:

- Concrete
- Screeds (traditional cement screeds, heated or floating screeds, etc.).
- Surfaces covered with ceramic, porcelain and mosaic tiling
- Surfaces with existing epoxy or polyurethane coatings
- Surfaces in natural and rebuilt stone
- Mineral conglomerates of various kinds, provided they are absorbent
- New and old plasters based on hydraulic binders
- Organic or mineral decorative coatings
- Surfaces in plaster and plasterboard (only vertical).

## Requirements:

Surfaces must be clean, dry and compact and free from flaking, salt bloom or damp, wax, oil and dust.

When applying to heated screeds, ensure that all necessary tests have been completed before the application of the **Wall2Floor system** to avoid the formation of condensation, cracks or lesions on the surface, which are in no way connected to the application of the **Wall2Floor system**.

In shower stalls that have no ceramic pan, create a slope to allow water to drain.

**Dynamic joints must remain free to absorb any structural movement that may occur; they must not be joined or covered for any reason.**

## UNSUITABLE SUBSTRATES

**The Wall2Floor system cannot** be applied to forkliftable surfaces, horizontal or vertical substrates that do not offer the necessary guarantees in terms of bonding and dimensional stability.

The following substrates are not suitable:

- Forkliftable surfaces
- Wooden flooring
- Linoleum.
- Pre-finished wooden flooring.
- Painted and unpainted metal surfaces.
- Glass surfaces or concrete and glass blocks.
- Moist surfaces or surfaces with rising damp.
- Do not apply to bathroom fittings or other substrates where water may collect.

PREPARATION AND APPLICATION OF PRODUCTS OF THE WALL2FLOOR SYSTEM

Horizontal surfaces

	TRADITIONAL SCREEDS, CONCRETE, MINERAL CONGLOMERATES	SURFACES COVERED WITH CERAMIC TILING, IN NATURAL AND REBUILT STONE; SURFACES WITH EPOXY OR POLYURETHANE COATINGS	NON-PLANAR ABSORBENT MINERAL SURFACES
Wall2Floor Rete	•	•	•
Wall2Floor Block (A+B)	•	•	•
Wall2Floor Block (A+B) + Wall2Floor Sand	•	•	•
Wall2Floor Easyflat			•
Wall2Floor Epoxy Binder (A+B) + Wall2Floor Rasal	•	•	•
2 coats of Wall2Floor Top Coat + Wall2Floor Component B  or  2 coats of Wall2Floor Top Coat Fine + Wall2Floor Component B	•  •*	•  •*	•  •*
Wall2Floor Patina	•**	•**	•**
Wall2Floor Primer	•	•	•
2 coats of Wall2Floor Clear Finish (Matt/Satin/Glossy) (A+B)	•	•	•

\*When applying **Wall2Floor Top Coat Fine** do not apply **Wall2Floor Primer**

\*\*If decorating with **Wall2Floor Patina** apply it before applying **Wall2Floor Primer**

You must use either **Wall2Floor Top Coat** or **Wall2Floor Top Coat Fine**

Clean the equipment immediately after use; for **Wall2Floor Block A** and **B**, **Wall2Floor Block (A+B)** + **Wall2Floor Sand** clean the equipment using a nitro thinner.

**PREPARATION AND APPLICATION OF PRODUCTS OF THE WALL2FLOOR SYSTEM**

**Vertical Surfaces**

	<b>TRADITIONAL SCREEDS, CONCRETE, MINERAL CONGLOMERATES</b>	<b>SURFACES COVERED WITH CERAMIC TILING, IN NATURAL AND REBUILT STONE; SURFACES WITH EPOXY OR POLYURETHANE COATINGS</b>	<b>NON-PLANAR ABSORBENT MINERAL SURFACES</b>
<b>Decofix</b>	•		•
<b>Wall2Floor Athena</b>		•	
<b>Wall2Floor Rasal</b>		•	•
<b>Wall2Floor Rete</b>		•	•
<b>Wall2Floor Rasal</b>		•	•
2 coats of <b>Wall2Floor Top Coat + Wall2Floor Component B</b>	•	•	•
or			
2 coats of <b>Wall2Floor Top Coat Fine + Wall2Floor Component B</b>	•*	•*	•*
<b>Wall2Floor Patina</b>	•**	•**	•**
<b>Wall2Floor Primer</b>	•	•	•
2 coats of <b>Wall2Floor Clear</b>	•	•	•

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<b>Finish (Matt/Satin/Glossy) (A+B)</b>			
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\*When applying **Wall2Floor Top Coat Fine** do not apply **Wall2Floor Primer**

\*\*If decorating with **Wall2Floor Patina** apply it before applying **Wall2Floor Primer**

You must use either **Wall2Floor Top Coat** or **Wall2Floor Top Coat Fine**

## ENVIRONMENTAL CONDITIONS

Protect the surfaces from freezing and thermal shocks throughout the application. Do not apply when air, substrate or product temperatures are below +10°C or above +35°C, or under direct sunlight or on hot surfaces (even when in shadow), nor on damp or wet surfaces.

The required environmental and substrate conditions for the application of the **Wall2Floor system** are:

- Ambient temperature: Min. +10 °C / Max. +35 °C
- Relative ambient humidity: <75%
- Substrate temperature: Min. +10 °C / Max. +35 °C
- Relative humidity of the substrate: <4%

Failure to observe the conditions listed above may cause flaws or defects in the physical and chemical characteristics of the products and affect the aesthetic performance of the **Wall2Floor system**.

### Ancillary Technical Products:

**Wall2Floor Rete:** an alkali resistant fiberglass mesh with nominal weight between 70-90 ± 5% g/m<sup>2</sup>

The mesh must be incorporated in the first layer without overlapping the ends.

Dimensions: length 50.0 m and width 1.0 m.

### Primers

**Wall2Floor Block:** two-component epoxy steam barrier

Residual humidity: < 5%

Mixing ratio by weight: (100÷60): 3.3 Kg of **Wall2Floor Block Component A** + 2.0 Kg **Wall2Floor Block Component B**.

Preparing the mix: stir **Wall2Floor Block Component A** to incorporate any sediment. Pour **Wall2Floor Block Component B** into **Wall2Floor Block Component A** and mix by hand for approx. 45-60 seconds. You may also choose to use a mechanical stirrer with paddle at slow speed for approx. 1 minute. The final mix will be free of lumps, impurities or unmixed residues of the two components.

Dilution: the product cannot be diluted.

Pot life of mix: approx. 60 minutes

Application equipment: roller.

Application: before applying, place an alkali resistant fiberglass mesh with nominal weight between 70-90 ± 5% g/m<sup>2</sup> on the surface (**Wall2Floor Rete**). Draw the ends close without overlapping. Cover the mesh by applying **Wall2Floor Block** with a roller, making sure to spread the product evenly and over the entire surface.

No. of coats: 1

Coverage rate (referred to A+B mix) 0.300-0.400 Kg/m<sup>2</sup> per coat

Drying time: touch dry after approx. 4-6 hours; over painting possible after 8 hours

**Wall2Floor Block + Wall2Floor Sand:** Tri-component quartz epoxy primer

Mixing ratio by weight: 3.3 Kg of **Wall2Floor Block Component A** + 2.0 Kg **Wall2Floor Block Component B** + 10.75 Kg of **Wall2Floor Sand** (quartz sand 0.3-0.9 mm).

Preparing the mix: stir **Wall2Floor Block Component A** to incorporate any sediment. Pour **Wall2Floor Block Component B** into **Wall2Floor Primer Component A** and mix for approx. 45-60 seconds. Add **Wall2Floor Sand** gradually to the obtained mix while stirring continuously. Use a mechanical spiral stirrer to blend the mix; this operation cannot be performed manually.

Mixing time: about three minutes to a uniform mix. The mix obtained must be uniform and free of lumps.

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**While using, continue to blend the mix manually to prevent sand stratification**

Dilution: the product cannot be diluted.

Pot life of mix: approx. 60 minutes

Application equipment: stainless steel trowel.

Application: apply a layer of the above mixture making sure to cover the mesh. For proper use of the material and not to alter its performance and features, stir the mortar frequently.

No. of coats: 1

Coverage rate (referred to A+B mix + Wall2Floor Sand): 3.6-4.0 Kg/m<sup>2</sup> per coat.

Drying time: touch dry after approx. 6-8 hours; over painting possible after 12 hours

**Skim coats**

**Wall2Floor Easyflat:** Cement-based self-leveling mortar with low shrinkage.

Mixing ratio: use 4 litres of clean water for each 25 kg **Wall2Floor Easyflat**.

Preparing the mix: pour the mixing water into a clean container. Slowly add **Wall2Floor Easyflat** to the water using a mechanical spiral stirrer.

Mixing time: about three minutes to a uniform mix. The mix obtained must be a uniform, thixotropic mortar free of lumps. Stirring cannot be performed manually.

Pot life of mix: approx. 20 minutes

Application equipment: stainless steel trowel.

Application: apply a layer of **Wall2Floor Easyflat**, spread the product evenly and over the entire surface. The product can be applied in thicknesses from 3 mm to 20 mm. Separate the surface in sections for thicknesses greater than 3 mm.

No. of coats: 1

Coverage rate (referred to powder): 2.5-6.8 kg/m<sup>2</sup> for thicknesses of 5 mm, per each coat.

Drying time for thicknesses up to 3 mm: touch dry after approx. 6-8 hours; over painting possible after 12 hours; for thicknesses greater than 3 mm up to 3 days.

**Wall2Floor Epoxy Binder Component A and B + Wall2Floor Rasal:** three-component epoxy-cementitious skim coat

Mixing ratio by weight: 2 parts of **Wall2Floor Epoxy Binder Component A** (1.6 l) + 1 part **Wall2Floor Epoxy Binder Component B** (0.8 l) + 25 Kg of **Wall2Floor Rasal**.

Dilution: the final mix (1.6 l of component A + 0.8 l of component B) must be diluted by adding 2.5 l of water.

Preparing the mix: stir **Wall2Floor Epoxy Binder Component A** to incorporate any sediment. Pour **Wall2Floor Epoxy Binder Component B** into **Wall2Floor Epoxy Binder Component A** and mix for approx. 45-60 seconds. Add **Wall2Floor Rasal** gradually to the obtained mix while stirring continuously. Use a mechanical spiral stirrer to blend the mix; this operation cannot be performed manually.

Mixing time: about three minutes to a uniform mix. The mix obtained must be a uniform, thixotropic mortar free of lumps.

**Periodically blend the mix to prevent the stratification of inert matter.**

Pot life of mix: approx. 60 minutes

Application equipment: stainless steel trowel.

Application: apply a coat of **Wall2Floor Epoxy Binder Component A and B + Wall2Floor Rasal** evenly on the surface.

No. of coats: 1

Coverage rate (referred to A+B mix + Wall2Floor Rasal): 2.0-2.5 Kg/m<sup>2</sup> per coat

Drying time for thicknesses up to 3 mm: touch dry after approx. 6-8 hours; over painting possible after 12 hours.

**Wall2Floor Rasal NF:** preparation cementitious skim coat.

Mixing ratio: use 5-6 litres of clean water for each 25 kg package of **Wall2Floor Rasal**.

Preparing the mix: pour the mixing water into a clean container. Slowly add **Wall2Floor Rasal** to the water using a mechanical spiral stirrer.

Mixing time: about three minutes to a uniform mix. The mix obtained must be a uniform, thixotropic mortar free of lumps. Stirring cannot be performed manually.

Pot life of mix: approx. 120 minutes

Application equipment: stainless steel trowel.

Application on vertical substrates: apply a first coat of **Wall2Floor Rasal** incorporating an alkali resistant fiberglass mesh with nominal weight between  $70-90 \pm 5\% \text{ g/m}^2$  (**Wall2Floor Rete**). Draw the ends close without overlapping. Wait for the surface to dry, usually between 6-8 hours, and then apply a second layer of **Wall2Floor Rasal** with stainless steel trowel to level the surface.

No. of coats: 2

Coverage rate (referred to powder): 0.8-2.5 Kg/m<sup>2</sup> per coat

Drying time: touch dry after approx. 6-8 hours; over painting possible after 8 hours

### Decorative coatings

**Wall2Floor Top Coat:** decorative coating for horizontal and vertical surfaces.

Mixing ratio by weight: 15 Kg of **Wall2Floor Top Coat** + 5 Kg of **Wall2Floor Component B**.

Dilution: it is possible to dilute the final mix by adding up to 5% of water.

Tinting: stir **Wall2Floor Top Coat** before colouring. Tint using the **Mixcolor** colouring system by **Novacolor**.

Mix the colouring agent with **Wall2Floor Top Coat** using a gyroscopic stirrer or a mechanical spiral stirrer.

Preparing the mix: only immediately before applying the product at the job site add to each 15 kg package of **Wall2Floor Top Coat**, a 5 kg package of **Wall2Floor Component B**. The powder component (**Wall2Floor Component B**) must be added gradually and blending performed using a mechanical spiral stirrer. The mixing of the two components cannot be performed manually.

Mixing time: about three minutes to a uniform mix. The mix obtained must be a uniform, thixotropic mortar free of lumps.

Pot life of mix: approx. 120 minutes

Application equipment: stainless steel trowel.

Application: apply a first coat of **Wall2Floor Top Coat**, previously mixed with **Wall2Floor Component B** to smooth the surface. Wait for the surface to dry, usually between 6-8 hours, and then apply a second layer of **Wall2Floor Top Coat**, previously mixed with **Wall2Floor Component B**, and work the surface to obtain the desired aesthetic effect.

No. of coats: 2

Coverage rate (referred to the mix Wall2Floor Top Coat + Wall2Floor Component B): 1.2-1.5 kg/m<sup>2</sup>, on the two coats.

Drying time: touch dry after approx. 6-8 hours; over painting possible after 8 hours

**Wall2Floor Top Coat Fine:** fine decorative coating for internal and external horizontal and vertical surfaces.

Mixing ratio by weight: 15 Kg of **Wall2Floor Top Coat Fine** + 5 Kg of **Wall2Floor Component B**.

Dilution: it is possible to dilute the final mix by adding up to 5% of water.

Tinting: stir **Wall2Floor Top Coat Fine** before colouring. Tint using the **Mixcolor** colouring system by **Novacolor**. Mix the colouring agent with **Wall2Floor Top Coat Fine** using a gyroscopic stirrer or a mechanical spiral stirrer.

Preparing the mix: only immediately before applying the product at the job site add to each 15 kg package of **Wall2Floor Top Coat Fine**, a 5 kg package of **Wall2Floor Component B**. The powder component (**Wall2Floor Component B**) must be added gradually and blending performed using a mechanical spiral stirrer. The mixing of the two components cannot be performed manually.

Mixing time: about three minutes to a uniform mix. The mix obtained must be a uniform, thixotropic mortar free of lumps.

Pot life of mix: approx. 120 minutes

Application equipment: stainless steel trowel.

Application: apply a first coat of **Wall2Floor Top Coat Fine**, previously mixed with **Wall2Floor Component B** to smooth the surface. Wait for the surface to dry, usually between 6-8 hours, and then apply a second layer of **Wall2Floor Top Coat Fine**, previously mixed with **Wall2Floor Component B**, and work the surface to obtain the desired aesthetic effect.

No. of coats: 2

Coverage rate (referred to the mix Wall2Floor Top Coat Fine + Wall2Floor Component B): 1.0-1.2 kg/m<sup>2</sup>, with two coats.

Drying time: touch dry after approx. 6-8 hours; over painting possible after 8 hours

**Wall2Floor Component B:** powder admixture specifically for **Wall2Floor Top Coat** and **Wall2Floor Top Coat Fine**.

### Decorative ancillary products

**Wall2Floor Patina (Gold, Silver, Platino, Opaca):** decorative glaze for internal surfaces

Preparing the product: stir the product manually before use.

Tinting: stir **Wall2Floor Patina** before colouring. Tint using the **Mixcolor** colouring system by **Novacolor**.

Mix using a gyroscopic stirrer.

Dilution: the product is ready to use; do not dilute.

Application equipment: stainless steel trowel, sponge, sponge trowel.

Application: using a stainless steel trowel, sponge, or sponge trowel apply a coat of **Wall2Floor Patina**, working the surface to obtain the desired aesthetic effect.

No. of coats: 1

Coverage rate: 8-15 m<sup>2</sup>/l, with one coat.

Drying time: touch dry after approx. 6-8 hours; over painting possible after 8 hours

### Sealer

**Wall2Floor Primer:** High-penetration two-component epoxy primer

Mixing ratio by weight: 2 parts of component A + 1 part of component B

Preparing the mix: stir Wall2Floor Primer Component A to incorporate any sediment. Pour **Wall2Floor Primer Component B** into **Wall2Floor Primer Component A** and mix by hand for approx. 45-60 seconds.

Dilution: dilute the final mix (0.500 l of component A + 0.250 l of component B) by adding 3 l of water.

Application equipment: mohair roller for spreading; sponge trowel for levelling.

Pot life of mix: approx. 60 minutes

Application: apply a coat of **Wall2Floor Primer** prepared in advance. Spread the product evenly and smoothly over the entire surface, ensuring saturation according to substrate porosity, using a sponge trowel. Throughout each stage of finishing, wait at least 72 hours before applying a coat over the preceding layer.

No. of coats: 1

Coverage rate (referred to A+B mix): 16-21 m<sup>2</sup>/l, with one coat.

Drying time: touch dry after approx. 10-12 hours; over painting possible after 12 hours

### Protections

**Wall2Floor Clear Finish (Matt, Satin, Glossy):** two-component water-based polyurethane finish

Mixing ratio by weight: 10 parts of component A + 3 parts of component B

Preparing the mix: stir **Wall2Floor Clear Finish A** to incorporate any sediment. Pour **Wall2Floor Clear Finish B** into **Wall2Floor Clear Finish A** and mix by hand for approx. 45-60 seconds. You may also choose to use a mechanical stirrer with paddle at slow speed for approx. 1 minute. The final mix will be free of lumps, impurities or unmixed residues of the two components.

Dilution: it is possible to dilute the final mix by adding up to 10% of water.

Before applying each layer of **Wall2Floor Clear Finish** we advise filtering the mix using a cloth or nylon filter or a specific paint filter-funnel with a 40-90 micron mesh.

Pot life of mix: approx. 60 minutes

Application: apply a coat of **Wall2Floor Clear Finish** prepared in advance. Apply two coats of **Wall2Floor Clear Finish** prepared in advance. Spread the product evenly and over the entire surface, avoiding build-up. Be especially careful when applying around corners and edges. Wait for sufficient drying time between one layer and the other.

No. of coats: 2

Coverage rate (referred to A+B mix): 6-7 m<sup>2</sup>/l, with two coats.

Drying time: walkable after at least 24 hours; complete cure: 7 days

### CLEANING THE EQUIPMENT

Clean the equipment immediately after use. For **Wall2Floor Block A** and **B**, **Wall2Floor Block (A+B)** + **Wall2Floor Sand** clean the equipment using a nitro thinner.

For all other products, use water to clean the equipment.

### STORAGE CONDITIONS AND SHELF LIFE

Stability in the original unopened containers, stored under cover and in adequate temperature conditions: 1 year for powder products and two-component products and two years for paste products.

Maximum storage temperature: +35°C

Minimum storage temperature: +5°C.

Technical Specifications: Wall2Floor-Commercial System

Revision No: 04

Issue date: 04-10-2018

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## TINTING

Colours are obtainable using the tinting system Mixcolor by Novacolor. It is advisable to use only resistant colouring pastes tested on mineral systems with strongly alkaline pH. **Wall2Floor Top Coat**, **Wall2Floor Top Coat Fine**, and **Wall2Floor Patina Neutra** can be coloured. Regarding **Wall2Floor Top Coat**, this operation must always be carried out before the addition of **Wall2Floor Component B**. It is good practice to always use material from the same manufacturing batch.

## WARNINGS

Prolonged contact with soaps, oils, creams and liquids in general or with wet objects may lead to stains or smudges on the surface where the contact occurs.

Allow at least four weeks' curing before applying to newly-laid concrete substrates.

The product should be used only by personnel with experience in laying floors.

Further details may be found in the **WALL2FLOOR SYSTEM ANNEX** to the technical data sheet.

## PRECAUTIONS

Check the suitability and condition of equipment and personal protective equipment (goggles, gloves, knee pads, etc.).

Do not expose the products to direct heat or temperatures below +5 °C for long periods. If the products are stored at temperatures close to +5°C, we recommend that prior to use they are placed in an area with higher and more appropriate temperatures so that when they are to be used the product temperature will not be below +10 °C. If stored at temperatures below +10° C, place the product in a properly heated room prior to use.

Do not heat the products using a direct source of heat, flame, heat element or similar. Low temperatures increase the pot viscosity making the mix difficult to use and lengthening or inhibiting the drying and hardening process of the various products.

If the **Wall2Floor system** is to be applied on both vertical and horizontal surfaces in the same environment, we recommend applying the system firstly to vertical surfaces and then to the horizontal surfaces.

Through all the phases of application of the **Wall2Floor system**, adhesive tape must only be removed once the hardening of each layer is complete.

It is advisable to finish each work with material from the same production batch. If using different production batches it is advisable to mix the various mixes in order to avoid slight differences in hues. For jobs where the use of different production batches is unavoidable, do not apply one colour directly alongside the other. Change the batch where there are breaks in the surfaces, such as mouldings, corners, expansion joints and so on.

Ensure that a correct quantity of product is applied, especially where there are corners, sharp edges, steps or risers. It is advisable to protect corners, sharp edges, steps and risers, with suitable edge protection. Consider using concealed edge protections, which will be embedded into the layers of **Wall2Floor Rasal** and **Wall2Floor Top Coat**.

Pay particular attention when applying the product inside shower stalls or on other surfaces exposed to contact with water. Do not leave pools of water in prolonged contact with the surface.

Edge protections available on the market can be glued on the finished surface to provide additional protection especially on edges and corners.

It is good practice to always use new or thoroughly cleaned equipment; if necessary replace tools after each application cycle.

### Important notes:

**The Wall2Floor is applied on site. During the application phases, marks left by the laying equipment (rollers, trowels, etc.) and the typical effects contributing to the decoration of the surface may be visible. It is advisable to take the necessary precautions to prevent that dust, insects or other materials, carried in accidentally, for example by the wind, remain embedded into the surface. It should not be forgotten that any material is subject to wear and tear and therefore to scratches. Pay particular attention when applying the product inside shower stalls or on other surfaces exposed to contact with water.**

**In shower stalls that have no ceramic pan, create a slope to allow water to drain. The construction of a shower pan must be designed during renovation or construction so as to include adequate waterproofing treatment. Do not leave pools of water in prolonged contact with the surface. Prolonged contact with soaps, oils, creams and liquids in general or with wet objects may lead to stains or smudges on the surface where the contact occurs.**

#### **CLEANING AND MAINTENANCE OF SURFACES**

Do not clean the surface for the first time until the coating has hardened, generally, after a period of at least **7 days** (calculated at an average temperature of 25 °C and humidity of 60%). In general, surfaces coated with the **Wall2Floor system** can be washed with non-aggressive (neutral) detergents in cold or moderately warm water (never wash with temperatures above 40 °C to avoid thermal shocks and avoid steam cleaning). Do not use brushing machines that might affect and alter performance and aesthetic effect.

For the same reasons, do not use **strongly alkaline or acidic descaling products** that may compromise the surface coated with the **Wall2Floor system**.

The surfaces exhibit good resistance to a wide variety of substances commonly used in the home and professionally.

It is advisable to avoid prolonged contact with possibly aggressive substances by removing them quickly and cleaning with water to avoid possible corrosion of the surface of Wall2Floor.

**Avoid** prolonged contact with lemon coffee, lemon juice, tea, vinegar, tomato juice, descaling products and strongly alkaline or acidic detergents in general.

Sand and clean before performing maintenance of the surface layer. It is advisable to reapply the same finish following the instructions detailed above.

Maintenance, particularly if concentrated on a specific portion of the surface, may be visible.

#### **SAFETY**

**Irritant / risk of serious damage to eyes / skin irritant / keep out of the reach of children / avoid contact with eyes / in case of contact with eyes, rinse immediately with plenty of water and seek medical advice / wear suitable gloves and protect eyes / face / do not breathe dust / if swallowed, seek medical advice immediately and show this container or label.**

**The product must be transported, used and stored in accordance with current legislation concerning health and safety; let residues dry out completely and treat them as special waste.**

**For further information, consult the MSDS.**

N.B. COLORIFICIO NOVACOLOR guarantees that the information herein is provided to the best of its experience and its technical and scientific knowledge; however, it cannot assume any responsibility for the results obtained using these products since the conditions of application are beyond its control. We recommend that you always check the suitability of the product to each specific use. This current edition supersedes all previous information sheets.



# Clear Finish Countertop Protection

Bi-component Polyurethane Protective Resins for "Wall2Floor" System with high performances

## DESCRIPTION

**Clear Finish Countertop Protection** is a water-based bi-component protection coat for interiors, with high performances.

**Clear Finish Countertop Protection** is suitable for the protection of various horizontal surfaces, such as kitchens countertops or bathrooms, decorated with **Wall2Floor Top Coat**.

Thanks to the synergy of the chemical properties of acrylic and polyurethane non-yellowing aliphatic polymers, associated with special fillers, it allows to obtain finishes with excellent resistance to wear and to the daily cleaning up operations.

**Clear Finish Countertop Protection** (available as glossy and ultra matt) has a good resistance to cold liquids and heat resulting from contact with hot cups, but it is not recommended any contact, even for a short period, with hot-pots. It is not resistant to falls of heavy objects.

Due to its specific properties, **Clear Finish Countertop Protection** can be used as the finishing coat for floors in some of the possible applications of Wall2Floor systems.

## USES

**Clear Finish Countertop Protection** can be applied on:

- Enamels and Paints
- New or already painted wooden goods: parquet floor, baseboards, panels, and various objects where hardness is required.
- Surfaces decorated with **Wall2Floor Top Coat** or **Wall2Floor Top Coat Fine**.

## FEATURES

**Clear Finish Countertop Protection:**

Nature of the binder: acrylic and polyurethane aliphatic polymers

**Density:** 1,04 ± 0,05 g/ml.

**Gloss EN ISO 2813:** 15° ± 2° angle of reading 60°

**Clear Finish Countertop Protection Ultra Matt**

Nature of the binder: acrylic and polyurethane aliphatic polymers

**Density:** 1.13 ± 0,05 g/ml.

**Gloss EN ISO 2813:** 4° ± 2° angle of reading 85°

**Resistance to wear UNI EN ISO 5470-1 (Taber):**

size CS17; load 1000 grams; 500 spins: 15 mg (loss of weight)

size S42; load 500 grams: 50 (spins before deterioration)

**Resistance to cold liquids EN 12720:2013:** Class CEN/TS 16209 B

**Resistance to humid heat EN 12721:2013:** Class CEN/TS 16209 A

**Resistance to dry heat EN 12722:2013:** Class CEN/TS 16209 B

**Smell emissions RAL-GZ 430:** average value 2,7 (neat smell not bothersome)

**Drying Time (a 25 °C e 65% di U.R.):** no powder in 30 minutes, to the touch in 1 hour, complete after 3 hours.

**Overpainted:** after 4 hours.

## PREPARATION OF THE MIXTURE

Blend **Clear Finish Countertop Protection - Clear Finish Countertop Protection Ultra Matt** in order to avoid sediments.

Pour slowly the component B into the component A and mix manually or with a low speed drill for 1 minute.

The mixture must not contain lumps, portions of the two components unmixed, impurities.

**Clear Finish Countertop Protection** mixing ratio by weight 10 parts of component A + 3 parts of component B.

**Clear Finish Countertop Protection Ultra Matt** mixing ratio by weight 12 parts of component A + 3 parts of component B.

## DILUTION

Dilute the mixture with 10-15% of water max.

Pot life: 60 minutes approx; do not add extra water in order to postpone its pot life.

## WARNINGS

Before applying each layer of **Clear Finish Countertop Protection**, it is advisable to filter the mixture using a filter with a mesh opening 40 to 90 microns.

For the maintenance of already treated surfaces with **Clear Finish Countertop Protection**, it is required to sand it.

Once it is applied on, keep the surface out of contact with any liquids for minimum 24/48 hours from the application.

Avoid abrasive cleaning products.

Do not use steam cleaners.

Keep the product protected from intense heat or from temperature lower than +5°C. If stored to as temperature close to +5°C, it is suggested to keep the product in an area with a temperature not lower than 10°C.

Do not heat the products using a direct source of heat, flame, hot body or similar. Low temperatures increase the viscosity in the bucket making it difficult to use and extend or inhibit the drying and hardening process of the various products.

- Maximum storage temperature: +30° C
- Minimum storage temperature: +10° C
- Humidity of the surface: <4%

The application in different conditions may affect the technical performances and aesthetic look of the **Clear Finish Countertop Protection**.

If possible, use the same batch of production. If different batches of production are used, it is recommended to mix them in order to avoid slight different shades.

For the correct use, dilution and application of the products here mentioned, consult their respective technical data sheets.

During the preparation of the substrate and application of the products, it is recommended the correct use of tools and individual protective devices (dpi).

Technical Data Sheet: Clear Finish Countertop Protection

Revision n: 03

Date: 17-01-2018

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## **SUBSTRATE PREPARATION AND APPLICATION**

(Referred to environmental conditions T=25°C, UR=60%)

The substrate must be perfectly dry, dust-free, with no humidity and salt stains.

Two coats are generally recommended; however it is possible to apply one extra coat in case of higher performances are needed

## **RECOMMENDATIONS**

During the entire application process, the product must be protected from cold and high heat changes.

Do not apply with air, substrate and product temperature lower than +5°C and higher than +35°C, nor under direct sun light, nor on superheated surfaces (even if already in shadow). Environmental humidity must be <75%; substrate humidity must be <10%.

Low temperatures increase the viscosity of the resin that affect the application and its drying time.

In all the application phases, remove the masking tape before the **Clear Finish Countertop Protection** dries out completely.

Pay attention on the application on areas exposed to water. Do not leave stain water

It is advisable to use new or clean tools.

It is advisable to complete each work with materials from the same batch of production. When using multiple batches, it is recommended to remix the various products together to avoid slight differences in shading.

## **TOOLS CLEANING**

With water, immediately after use.

## **YIELD**

**Clear Finish Countertop Protection:** 5-7 m<sup>2</sup>/l, in two coats.

## **COLORS**

Not to be tinted.

## **PACKAGES**

**Clear Finish Countertop Protection-A:** 1 l

**Clear Finish Countertop Protection Ultra Matt-A:** 1 l

**Clear Finish Countertop Protection-B:** 0,300 l

## **SHELF LIFE**

The packaged product is guaranteed for 12 months, if stored in the original sealed packages and at the adequate temperatures.

MAX Temperature: +30°C

MIN Temperature: +10°C.

## **SECURITY PROCEDURES**

Directive 2004/42/EU:

Clear Finish Countertop Protection (bi-component paints with high performance)

EU limit value for Clear Finish Countertop Protection (cat A/j): 140 g/l (2010)

Clear Finish Countertop Protection contains 140 g/l max of VOC.

N.B.- NOVACOLOR guarantees that the information herein is provided to the best of its technical and scientific knowledge and based on its experience; nonetheless, the company may not be held liable for the results obtained using these products, as application conditions are beyond its control. It is recommended to always make sure that the product is suited to each specific instance. The present sheet voids and replaces any previously existing sheets.

Technical Data Sheet: Clear Finish Countertop Protection

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**Annex Clear Finish Countertop Protection**

Test Methods and Requirements								Performance	Remarks	
<b>Brightness EN ISO 2813:</b> Reading corner 85°								13° ± 3°		
<b>Surface resistance to cold liquids EN 12720:2013</b> / = not necessary - = not required by CEN/TS 16209 regulation 5 = any change 4 = slight change visible only with reflexed light 3 = slight mark visible from different direction 2 = Visible mark or slight deterioration of the surface 1 = deep mark or important deterioration of the surface								<b>Class A</b> in 1 hour <b>Class B</b> in compliance to CEN/TS 16209	1	
<b>PRODUCTS</b>		<b>CONTACT TIME</b>								
		24 hours	16 hours	6 hours	1 hours	10 min.	2 min.			2 sec.
Acetic acid (water solution 10%)		-	4	-	5	-	/			-
Acetone		-	-	-	-	5	-			/
Ammonia (water solution 10%)		-	5	-	/	-	/			-
Citric acid (water solution 10%)		-	5	-	/	-	/			-
Detergent solution		-	5	/	/	/	/			-
Coffee		-	2	2	4	5	/			-
Ethanol (water solution 48%)		-	-	5	/	/	-			-
Paraffin oil		3	5	/	/	/	-			-
Distilled water		5	/	/	/	-	-	-		
Basic sweat		-	-	-	5	-	-	-		
<b>Surface resistance to humid heat EN 12721:2013</b>								<b>Class A</b> in compliance to CEN/TS 16209	2	
<b>Temperature °C</b>		<b>Result</b>		<b>Description</b>						
55		5		Any visible change						
70		5		Any visible change						
85		5		Any visible change						
100		5		Any visible change						

Remarks:

- 1) Substances and times of application are the ones required by CEN/TS 16209:2011.
- 2) Tests temperatures are the ones required by CEN/TS 16209:2011.

**Annex Clear Finish Countertop Protection**

Test Methods and Requirements			Performance	Remarks																																
<b>Surface resistance to dry heat EN 12722:2013</b> <table border="1"> <thead> <tr> <th>Temperature °C</th> <th>Result</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>55</td> <td>5</td> <td>Any visible change</td> </tr> <tr> <td>70</td> <td>5</td> <td>Any visible change</td> </tr> <tr> <td>100</td> <td>5</td> <td>Any visible change</td> </tr> <tr> <td>140</td> <td>5</td> <td>Any visible change</td> </tr> <tr> <td>180</td> <td>3</td> <td>slight mark visible from different direction</td> </tr> </tbody> </table>			Temperature °C	Result	Description	55	5	Any visible change	70	5	Any visible change	100	5	Any visible change	140	5	Any visible change	180	3	slight mark visible from different direction	<b>Class A</b> in 1 hour <b>Class B</b> in compliance to CEN/TS 16209 regulation	3														
Temperature °C	Result	Description																																		
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100	5	Any visible change																																		
140	5	Any visible change																																		
180	3	slight mark visible from different direction																																		
<b>Odor issuing in accordance to RAL-GZ 430</b>  Test conditions  AIR TEMPERATURE: 23±1°C AIR HUMIDITY: 50±5 % U.R. AIR CHANGE: 1,0±0,05 m <sup>3</sup> /h VOLUME OF THE ROOM: 1,0 m <sup>3</sup> TEST SURFACE: 1,0 m <sup>2</sup> LOAD: 1,0 m <sup>2</sup> /m <sup>3</sup> /h TEST START 17/07/2015 TEST RESULTS 27/07/2015  <table border="1"> <thead> <tr> <th>Person</th> <th>Age</th> <th>Sex</th> <th>Result</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>54</td> <td>M</td> <td>2</td> </tr> <tr> <td>2</td> <td>30</td> <td>M</td> <td>2</td> </tr> <tr> <td>3</td> <td>37</td> <td>F</td> <td>3</td> </tr> <tr> <td>4</td> <td>36</td> <td>M</td> <td>3</td> </tr> <tr> <td>5</td> <td>35</td> <td>F</td> <td>3</td> </tr> <tr> <td>6</td> <td>37</td> <td>M</td> <td>3</td> </tr> <tr> <td>7</td> <td>23</td> <td>F</td> <td>3</td> </tr> </tbody> </table>			Person	Age	Sex	Result	1	54	M	2	2	30	M	2	3	37	F	3	4	36	M	3	5	35	F	3	6	37	M	3	7	23	F	3	<b>Medium value 2,7</b>	4
Person	Age	Sex	Result																																	
1	54	M	2																																	
2	30	M	2																																	
3	37	F	3																																	
4	36	M	3																																	
5	35	F	3																																	
6	37	M	3																																	
7	23	F	3																																	

Remarks:

- 3) Tests temperatures are the ones required by CEN/TS 16209.2011.
- 4) Net not annoying odour.

# Wall2Floor Block

Bi-component epoxy vapour barrier for the “Wall2Floor System”

## DESCRIPTION OF THE PRODUCT

**Wall2Floor Block** is a bi-component product, formulated with epoxy resins, suitable for the creation of a vapour barrier and specific for the “Wall2Floor System”.

**Wall2Floor Block** mixed with **Wall2Floor Sand** allows the creation of an epoxy, tri-component base coat, specific for the “Wall2Floor System”.

## APPLICATIONS

Preparation of the horizontal surfaces in the “Wall2Floor System”.

## IDENTIFICATION FEATURES

Bulk density:

**Wall2Floor Block Component A:** 1.09 g/ml +/- 3%

**Wall2Floor Block Component B:** 1.09 g/ml +/- 3%

## PREPARATION OF THE SUBSTRATE

Refer to the “Wall2Floor System” technical sheet.

## APPLICATION

Refer to the “Wall2Floor System” technical sheet.

## PREPARING THE MIXTURE

Catalysis ratio by weight: 10 parts of **Component A** + 6 parts of **Component B**

Homogenize **Component A** from any sediment.

Pour **Component B** into **Component A** and mix manually for approx. 45-60 seconds. Alternatively, mixing is possible using a mechanical mixer fitted with whisk operating slowly for approx. 1 minute.

The mixture obtained must not have lumps, portions of the two components unmixed, impurities.

For use as a tri-component, quartz epoxy base-coat, mix **Wall2Floor Block A + B** with 10.75 kg of **Wall2Floor Sand** and apply using a stainless steel spatula.

Lifespan of the mixture: approx. 60 minutes.

## DILUTION

It cannot be diluted.

## PRECAUTIONS

Correct use of individual protection equipment (PPE) is recommended during all preparation of the substrate, products and application of the same.

Do not expose the products to direct heat sources or temperatures below +5°C for long periods of time.

If the products are stocked at temperature of approx. +5°C, before use it is recommended to take them to a place with suitable temperature, in a way to condition them to a temperature of use no lower than +10°C. Do not heat the products using a direct heat source, flame, hot body or similar.

The low temperatures increase the viscosities in the jar making use difficult and they lengthen or prevent the drying and hardening process of the various products.

It is recommended to finish the job using the same production batch. If different batches are used, we advise mixing the different batches together.

## CLEANING EQUIPMENT

With nitro-thinner.

## COVERAGE

**Wall2Floor Block mixture (A+B):** 0.300-0.400 Kg/m<sup>2</sup> in the two layers, according to the finish of the substrate and its absorption.

**Wall2Floor Block mixture (A+B) + Wall2Floor Sand:** 3.5 – -4.0 Kg/m<sup>2</sup> per individual layer, according to the finish of the substrate and its absorption.

## COLOURS

Colourless.

## PACKAGING

**Wall2Floor Block Component A:** 3.3 l

**Wall2Floor Block Component B:** 2 l (2 pieces x 1 l each)

**Wall2Floor Sand:** 25 Kg

## STORAGE CONDITIONS AND SHELF LIFE

In a jar and as long as it is kept in a covered warehouse at a temperature between +10° C and +30° C, the material has duration of 12 months.

## SAFETY INDICATIONS

Directive 2004/42/EC:

Wall2Floor Block (high-performance bi-component paints)

EU limit value for Wall2Floor Block (cat A/j):140 g/l (2010)

Wall2Floor Block contains max. 140 g/l VOC.

Contains epoxy constituents: read the information provided by the manufacturer / Harmful by inhalation / Irritating to the respiratory system / May cause sensitisation by contact with the skin / Toxic to aquatic life, it can cause long-term negative effects.

The product must be transported, used and stored in accordance with current legislation concerning health and safety; let residues dry out completely and treat them as special waste.

For further information, consult the MSDS.

N.B.- COLORIFICIO NOVACOLOR guarantees that the information herein is provided to the best of its experience and its technical and scientific knowledge; however, it cannot assume any liability for the results obtained using these products since the conditions of application are beyond its control. We recommend that you always check the suitability of the product to each specific use. This current edition supersedes all previous information sheets.

Technical data sheet: Wall2Floor Block

Revision n: 01

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# Wall2Floor-Commercial System

Seamless system for the decoration of walls and floorings.

## DESCRIPTION

**Wall2Floor Commercial** is a version of **Wall2Floor** mineral coating characterised by high resistance to pedestrian traffic typical of commercial surfaces.

**Wall2Floor Commercial** thanks to the combination of **Wall2Floor Block** a two-component epoxy primer and **Wall2Floor Epoxy Binder** a three-component epoxy-based cementitious skim coat can create a compact and impact-resistant base. Finishing with one of the **Wall2Floor Clear Finish** paints creates a high abrasion-resistant finished surface, an essential prerequisite for all surfaces subject to high pedestrian traffic.

**Wall2Floor Commercial** is suitable for decorating horizontal and vertical internal surfaces.

**Wall2Floor Commercial** performance was tested for resistance to wear and tear according to **UNI EN ISO 5470-1** and for resistance to impact according to **UNI EN ISO 6272**.

## APPLICATIONS

**Wall2Floor Commercial** represents a perfect solution for any residential and commercial needs, such as showrooms, reception areas, hotels and public offices. The various solutions offered, specific for each intended use can meet the needs of a variety of areas of application.

The **Wall2Floor system** can be applied to:

- Concrete
- Screeds (traditional cement screeds, heated or floating screeds, etc.).
- Surfaces covered with ceramic, porcelain and mosaic tiling
- Surfaces with existing epoxy or polyurethane coatings
- Surfaces in natural and rebuilt stone
- Mineral conglomerates of various kinds, provided they are absorbent
- New and old plasters based on hydraulic binders
- Organic or mineral decorative coatings
- Surfaces in plaster and plasterboard (only vertical).

## Requirements:

Surfaces must be clean, dry and compact and free from flaking, salt bloom or damp, wax, oil and dust.

When applying to heated screeds, ensure that all necessary tests have been completed before the application of the **Wall2Floor system** to avoid the formation of condensation, cracks or lesions on the surface, which are in no way connected to the application of the **Wall2Floor system**.

In shower stalls that have no ceramic pan, create a slope to allow water to drain.

**Dynamic joints must remain free to absorb any structural movement that may occur; they must not be joined or covered for any reason.**

## UNSUITABLE SUBSTRATES

**The Wall2Floor system cannot** be applied to forkliftable surfaces, horizontal or vertical substrates that do not offer the necessary guarantees in terms of bonding and dimensional stability.

The following substrates are not suitable:

- Forkliftable surfaces
- Wooden flooring
- Linoleum.
- Pre-finished wooden flooring.
- Painted and unpainted metal surfaces.
- Glass surfaces or concrete and glass blocks.
- Moist surfaces or surfaces with rising damp.
- Do not apply to bathroom fittings or other substrates where water may collect.



PREPARATION AND APPLICATION OF PRODUCTS OF THE WALL2FLOOR SYSTEM

Horizontal surfaces

	TRADITIONAL SCREEDS, CONCRETE, MINERAL CONGLOMERATES	SURFACES COVERED WITH CERAMIC TILING, IN NATURAL AND REBUILT STONE; SURFACES WITH EPOXY OR POLYURETHANE COATINGS	NON-PLANAR ABSORBENT MINERAL SURFACES
<b>Wall2Floor Rete</b>	•	•	•
<b>Wall2Floor Block (A+B)</b>	•	•	•
<b>Wall2Floor Block (A+B) + Wall2Floor Sand</b>	•	•	•
<b>Wall2Floor Easyflat</b>			•
<b>Wall2Floor Epoxy Binder (A+B) + Wall2Floor Rasal</b>	•	•	•
2 coats of <b>Wall2Floor Top Coat + Wall2Floor Component B</b>  or  2 coats of <b>Wall2Floor Top Coat Fine + Wall2Floor Component B</b>	•  •*	•  •*	•  •*
<b>Wall2Floor Patina</b>	•**	•**	•**
<b>Wall2Floor Primer</b>	•	•	•
2 coats of <b>Wall2Floor Clear Finish (Matt/Satin/Glossy) (A+B)</b>	•	•	•

\*When applying **Wall2Floor Top Coat Fine** do not apply **Wall2Floor Primer**

\*\*If decorating with **Wall2Floor Patina** apply it before applying **Wall2Floor Primer**

You must use either **Wall2Floor Top Coat** or **Wall2Floor Top Coat Fine**

Clean the equipment immediately after use; for **Wall2Floor Block A** and **B**, **Wall2Floor Block (A+B) + Wall2Floor Sand** clean the equipment using a nitro thinner.

**PREPARATION AND APPLICATION OF PRODUCTS OF THE WALL2FLOOR SYSTEM**

**Vertical Surfaces**

	<b>TRADITIONAL SCREEDS, CONCRETE, MINERAL CONGLOMERATES</b>	<b>SURFACES COVERED WITH CERAMIC TILING, IN NATURAL AND REBUILT STONE; SURFACES WITH EPOXY OR POLYURETHANE COATINGS</b>	<b>NON-PLANAR ABSORBENT MINERAL SURFACES</b>
<b>Decofix</b>	•		•
<b>Wall2Floor Athena</b>		•	
<b>Wall2Floor Rasal</b>		•	•
<b>Wall2Floor Rete</b>		•	•
<b>Wall2Floor Rasal</b>		•	•
2 coats of <b>Wall2Floor Top Coat + Wall2Floor Component B</b>	•	•	•
or			
2 coats of <b>Wall2Floor Top Coat Fine + Wall2Floor Component B</b>	•*	•*	•*
<b>Wall2Floor Patina</b>	•**	•**	•**
<b>Wall2Floor Primer</b>	•	•	•
2 coats of <b>Wall2Floor Clear Finish (Matt/Satin/Glossy) (A+B)</b>	•	•	•

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\*When applying **Wall2Floor Top Coat Fine** do not apply **Wall2Floor Primer**  
\*\*If decorating with **Wall2Floor Patina** apply it before applying **Wall2Floor Primer**  
You must use either **Wall2Floor Top Coat** or **Wall2Floor Top Coat Fine**

### ENVIRONMENTAL CONDITIONS

Protect the surfaces from freezing and thermal shocks throughout the application. Do not apply when air, substrate or product temperatures are below +10°C or above +35°C, or under direct sunlight or on hot surfaces (even when in shadow), nor on damp or wet surfaces.

The required environmental and substrate conditions for the application of the **Wall2Floor system** are:

- Ambient temperature: Min. +10 °C / Max. +35 °C
- Relative ambient humidity: <75%
- Substrate temperature: Min. +10 °C / Max. +35 °C
- Relative humidity of the substrate: <4%

Failure to observe the conditions listed above may cause flaws or defects in the physical and chemical characteristics of the products and affect the aesthetic performance of the **Wall2Floor system**.

### Ancillary Technical Products:

**Wall2Floor Rete:** an alkali resistant fiberglass mesh with nominal weight between 70-90 ± 5% g/m<sup>2</sup>  
The mesh must be incorporated in the first layer without overlapping the ends.

Dimensions: length 50.0 m and width 1.0 m.

### Primers

**Wall2Floor Block:** two-component epoxy steam barrier

Residual humidity: < 5%

Mixing ratio by weight: (100÷60): 3.3 Kg of **Wall2Floor Block Component A** + 2.0 Kg **Wall2Floor Block Component B**.

Preparing the mix: stir **Wall2Floor Block Component A** to incorporate any sediment. Pour **Wall2Floor Block Component B** into **Wall2Floor Block Component A** and mix by hand for approx. 45-60 seconds. You may also choose to use a mechanical stirrer with paddle at slow speed for approx. 1 minute. The final mix will be free of lumps, impurities or unmixed residues of the two components.

Dilution: the product cannot be diluted.

Pot life of mix: approx. 60 minutes

Application equipment: roller.

Application: before applying, place an alkali resistant fiberglass mesh with nominal weight between 70-90 ± 5% g/m<sup>2</sup> on the surface (**Wall2Floor Rete**). Draw the ends close without overlapping. Cover the mesh by applying **Wall2Floor Block** with a roller, making sure to spread the product evenly and over the entire surface.

No. of coats: 1

Coverage rate (referred to A+B mix) 0.300-0.400 Kg/m<sup>2</sup> per coat

Drying time: touch dry after approx. 4-6 hours; over painting possible after 8 hours

**Wall2Floor Block + Wall2Floor Sand:** Tri-component quartz epoxy primer

Mixing ratio by weight: 3.3 Kg of **Wall2Floor Block Component A** + 2.0 Kg **Wall2Floor Block Component B** + 10.75 Kg of **Wall2Floor Sand** (quartz sand 0.3-0.9 mm).

Preparing the mix: stir **Wall2Floor Block Component A** to incorporate any sediment. Pour **Wall2Floor Block Component B** into **Wall2Floor Primer Component A** and mix for approx. 45-60 seconds. Add **Wall2Floor Sand** gradually to the obtained mix while stirring continuously. Use a mechanical spiral stirrer to blend the mix; this operation cannot be performed manually.

Mixing time: about three minutes to a uniform mix. The mix obtained must be uniform and free of lumps.

**While using, continue to blend the mix manually to prevent sand stratification**

Dilution: the product cannot be diluted.

Pot life of mix: approx. 60 minutes

Application equipment: stainless steel trowel.

**Application:** apply a layer of the above mixture making sure to cover the mesh. For proper use of the material and not to alter its performance and features, stir the mortar frequently.

**No. of coats:** 1

**Coverage rate (referred to A+B mix + Wall2Floor Sand):** 3.6-4.0 Kg/m<sup>2</sup> per coat.

**Drying time:** touch dry after approx. 6-8 hours; over painting possible after 12 hours

### Skim coats

**Wall2Floor Easyflat:** Cement-based self-leveling mortar with low shrinkage.

**Mixing ratio:** use 4 litres of clean water for each 25 kg **Wall2Floor Easyflat**.

**Preparing the mix:** pour the mixing water into a clean container. Slowly add **Wall2Floor Easyflat** to the water using a mechanical spiral stirrer.

**Mixing time:** about three minutes to a uniform mix. The mix obtained must be a uniform, thixotropic mortar free of lumps. Stirring cannot be performed manually.

**Pot life of mix:** approx. 20 minutes

**Application equipment:** stainless steel trowel.

**Application:** apply a layer of **Wall2Floor Easyflat**, spread the product evenly and over the entire surface. The product can be applied in thicknesses from 3 mm to 20 mm. Separate the surface in sections for thicknesses greater than 3 mm.

**No. of coats:** 1

**Coverage rate (referred to powder):** 2.5-6.8 kg/m<sup>2</sup> for thicknesses of 5 mm, per each coat.

**Drying time for thicknesses up to 3 mm:** touch dry after approx. 6-8 hours; over painting possible after 12 hours; for thicknesses greater than 3 mm up to 3 days.

**Wall2Floor Epoxy Binder Component A and B + Wall2Floor Rasal:** three-component epoxy-cementitious skim coat

**Mixing ratio by weight:** 2 parts of **Wall2Floor Epoxy Binder Component A** (1.6 l) + 1 part **Wall2Floor Epoxy Binder Component B** (0.8 l) + 25 Kg of **Wall2Floor Rasal**.

**Dilution:** the final mix (1.6 l of component A + 0.8 l of component B) must be diluted by adding 2.5 l of water.

**Preparing the mix:** stir **Wall2Floor Epoxy Binder Component A** to incorporate any sediment. Pour **Wall2Floor Epoxy Binder Component B** into **Wall2Floor Epoxy Binder Component A** and mix for approx. 45-60 seconds. Add **Wall2Floor Rasal** gradually to the obtained mix while stirring continuously. Use a mechanical spiral stirrer to blend the mix; this operation cannot be performed manually.

**Mixing time:** about three minutes to a uniform mix. The mix obtained must be a uniform, thixotropic mortar free of lumps.

**Periodically blend the mix to prevent the stratification of inert matter.**

**Pot life of mix:** approx. 60 minutes

**Application equipment:** stainless steel trowel.

**Application:** apply a coat of **Wall2Floor Epoxy Binder Component A and B + Wall2Floor Rasal** evenly on the surface.

**No. of coats:** 1

**Coverage rate (referred to A+B mix + Wall2Floor Rasal):** 2.0-2.5 Kg/m<sup>2</sup> per coat

**Drying time for thicknesses up to 3 mm:** touch dry after approx. 6-8 hours; over painting possible after 12 hours.

**Wall2Floor Rasal NF:** preparation cementitious skim coat.

**Mixing ratio:** use 5-6 litres of clean water for each 25 kg package of **Wall2Floor Rasal**.

**Preparing the mix:** pour the mixing water into a clean container. Slowly add **Wall2Floor Rasal** to the water using a mechanical spiral stirrer.

**Mixing time:** about three minutes to a uniform mix. The mix obtained must be a uniform, thixotropic mortar free of lumps. Stirring cannot be performed manually.

**Pot life of mix:** approx. 120 minutes

**Application equipment:** stainless steel trowel.

**Application on vertical substrates:** apply a first coat of **Wall2Floor Rasal** incorporating an alkali resistant fiberglass mesh with nominal weight between 70-90 ± 5% g/m<sup>2</sup> (**Wall2Floor Rete**). Draw the ends close without overlapping. Wait for the surface to dry, usually between 6-8 hours, and then apply a second layer of **Wall2Floor Rasal** with stainless steel trowel to level the surface.

**No. of coats:** 2

**Coverage rate (referred to powder):** 0.8-2.5 Kg/m<sup>2</sup> per coat

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Drying time: touch dry after approx. 6-8 hours; over painting possible after 8 hours

### Decorative coatings

**Wall2Floor Top Coat:** decorative coating for horizontal and vertical surfaces.

Mixing ratio by weight: 15 Kg of **Wall2Floor Top Coat** + 5 Kg of **Wall2Floor Component B**.

Dilution: it is possible to dilute the final mix by adding up to 5% of water.

Tinting: stir **Wall2Floor Top Coat** before colouring. Tint using the **Mixcolor** colouring system by **Novacolor**. Mix the colouring agent with **Wall2Floor Top Coat** using a gyroscopic stirrer or a mechanical spiral stirrer.

Preparing the mix: only immediately before applying the product at the job site add to each 15 kg package of **Wall2Floor Top Coat**, a 5 kg package of **Wall2Floor Component B**. The powder component (**Wall2Floor Component B**) must be added gradually and blending performed using a mechanical spiral stirrer. The mixing of the two components cannot be performed manually.

Mixing time: about three minutes to a uniform mix. The mix obtained must be a uniform, thixotropic mortar free of lumps.

Pot life of mix: approx. 120 minutes

Application equipment: stainless steel trowel.

Application: apply a first coat of **Wall2Floor Top Coat**, previously mixed with **Wall2Floor Component B** to smooth the surface. Wait for the surface to dry, usually between 6-8 hours, and then apply a second layer of **Wall2Floor Top Coat**, previously mixed with **Wall2Floor Component B**, and work the surface to obtain the desired aesthetic effect.

No. of coats: 2

Coverage rate (referred to the mix Wall2Floor Top Coat + Wall2Floor Component B): 1.2-1.5 kg/m<sup>2</sup>, on the two coats.

Drying time: touch dry after approx. 6-8 hours; over painting possible after 8 hours

**Wall2Floor Top Coat Fine:** fine decorative coating for internal and external horizontal and vertical surfaces.

Mixing ratio by weight: 15 Kg of **Wall2Floor Top Coat Fine** + 5 Kg of **Wall2Floor Component B**.

Dilution: it is possible to dilute the final mix by adding up to 5% of water.

Tinting: stir **Wall2Floor Top Coat Fine** before colouring. Tint using the **Mixcolor** colouring system by **Novacolor**. Mix the colouring agent with **Wall2Floor Top Coat Fine** using a gyroscopic stirrer or a mechanical spiral stirrer.

Preparing the mix: only immediately before applying the product at the job site add to each 15 kg package of **Wall2Floor Top Coat Fine**, a 5 kg package of **Wall2Floor Component B**. The powder component (**Wall2Floor Component B**) must be added gradually and blending performed using a mechanical spiral stirrer. The mixing of the two components cannot be performed manually.

Mixing time: about three minutes to a uniform mix. The mix obtained must be a uniform, thixotropic mortar free of lumps.

Pot life of mix: approx. 120 minutes

Application equipment: stainless steel trowel.

Application: apply a first coat of **Wall2Floor Top Coat Fine**, previously mixed with **Wall2Floor Component B** to smooth the surface. Wait for the surface to dry, usually between 6-8 hours, and then apply a second layer of **Wall2Floor Top Coat Fine**, previously mixed with **Wall2Floor Component B**, and work the surface to obtain the desired aesthetic effect.

No. of coats: 2

Coverage rate (referred to the mix Wall2Floor Top Coat Fine + Wall2Floor Component B): 1.0-1.2 kg/m<sup>2</sup>, with two coats.

Drying time: touch dry after approx. 6-8 hours; over painting possible after 8 hours

**Wall2Floor Component B:** powder admixture specifically for **Wall2Floor Top Coat** and **Wall2Floor Top Coat Fine**.

### Decorative ancillary products

**Wall2Floor Patina (Gold, Silver, Platino, Opaca):** decorative glaze for internal surfaces

Preparing the product: stir the product manually before use.

Tinting: stir **Wall2Floor Patina** before colouring. Tint using the **Mixcolor** colouring system by **Novacolor**. Mix using a gyroscopic stirrer.

Dilution: the product is ready to use; do not dilute.

Application equipment: stainless steel trowel, sponge, sponge trowel.

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Application: using a stainless steel trowel, sponge, or sponge trowel apply a coat of **Wall2Floor Patina**, working the surface to obtain the desired aesthetic effect.

No. of coats: 1

Coverage rate: 8-15 m<sup>2</sup>/l, with one coat.

Drying time: touch dry after approx. 6-8 hours; over painting possible after 8 hours

### Sealer

**Wall2Floor Primer:** High-penetration two-component epoxy primer

Mixing ratio by weight: 2 parts of component A + 1 part of component B

Preparing the mix: stir Wall2Floor Primer Component A to incorporate any sediment. Pour **Wall2Floor Primer Component B** into **Wall2Floor Primer Component A** and mix by hand for approx. 45-60 seconds.

Dilution: dilute the final mix (0.500 l of component A + 0.250 l of component B) by adding 3 l of water.

Application equipment: mohair roller for spreading; sponge trowel for levelling.

Pot life of mix: approx. 60 minutes

Application: apply a coat of **Wall2Floor Primer** prepared in advance. Spread the product evenly and smoothly over the entire surface, ensuring saturation according to substrate porosity, using a sponge trowel. Throughout each stage of finishing, wait at least 72 hours before applying a coat over the preceding layer.

No. of coats: 1

Coverage rate (referred to A+B mix): 80-90 m<sup>2</sup>/l, with one coat.

Drying time: touch dry after approx. 10-12 hours; over painting possible after 12 hours

### Protections

**Wall2Floor Clear Finish (Matt, Satin, Glossy):** two-component water-based polyurethane finish

Mixing ratio by weight: 10 parts of component A + 3 parts of component B

Preparing the mix: stir **Wall2Floor Clear Finish A** to incorporate any sediment. Pour **Wall2Floor Clear Finish B** into **Wall2Floor Clear Finish A** and mix by hand for approx. 45-60 seconds. You may also choose to use a mechanical stirrer with paddle at slow speed for approx. 1 minute. The final mix will be free of lumps, impurities or unmixed residues of the two components.

Dilution: it is possible to dilute the final mix by adding up to 10% of water.

Before applying each layer of **Wall2Floor Clear Finish** we advise filtering the mix using a cloth or nylon filter or a specific paint filter-funnel with a 40-90 micron mesh.

Pot life of mix: approx. 60 minutes

Application: apply a coat of **Wall2Floor Clear Finish** prepared in advance. Apply two coats of **Wall2Floor Clear Finish** prepared in advance. Spread the product evenly and over the entire surface, avoiding build-up. Be especially careful when applying around corners and edges. Wait for sufficient drying time between one layer and the other.

No. of coats: 2

Coverage rate (referred to A+B mix) 6-7 m<sup>2</sup>/l, with two coats.

Drying time: walkable after at least 24 hours; complete cure: 7 days

### CLEANING THE EQUIPMENT

Clean the equipment immediately after use. For **Wall2Floor Block A** and **B**, **Wall2Floor Block (A+B)** + **Wall2Floor Sand** clean the equipment using a nitro thinner.

For all other products, use water to clean the equipment.

### STORAGE CONDITIONS AND SHELF LIFE

Stability in the original unopened containers, stored under cover and in adequate temperature conditions: 1 year for powder products and two-component products and two years for paste products.

Maximum storage temperature: +35°C

Minimum storage temperature: +5°C.

### TINTING

Colours are obtainable using the tinting system Mixcolor by Novacolor. It is advisable to use only resistant colouring pastes tested on mineral systems with strongly alkaline pH. **Wall2Floor Top Coat**, **Wall2Floor Top Coat Fine**, and **Wall2Floor Patina Neutra** can be coloured. Regarding **Wall2Floor Top Coat**, this operation must always be carried out before the addition of **Wall2Floor Component B**. It is good practice to always use material from the same manufacturing batch.



## WARNINGS

Prolonged contact with soaps, oils, creams and liquids in general or with wet objects may lead to stains or smudges on the surface where the contact occurs.

Allow at least four weeks' curing before applying to newly-laid concrete substrates.

The product should be used only by personnel with experience in laying floors.

Further details may be found in the **WALL2FLOOR SYSTEM ANNEX** to the technical data sheet.

## PRECAUTIONS

Check the suitability and condition of equipment and personal protective equipment (goggles, gloves, knee pads, etc.).

Do not expose the products to direct heat or temperatures below +5 °C for long periods. If the products are stored at temperatures close to +5°C, we recommend that prior to use they are placed in an area with higher and more appropriate temperatures so that when they are to be used the product temperature will not be below +10 °C. If stored at temperatures below +10° C, place the product in a properly heated room prior to use.

Do not heat the products using a direct source of heat, flame, heat element or similar. Low temperatures increase the pot viscosity making the mix difficult to use and lengthening or inhibiting the drying and hardening process of the various products.

If the **Wall2Floor system** is to be applied on both vertical and horizontal surfaces in the same environment, we recommend applying the system firstly to vertical surfaces and then to the horizontal surfaces.

Through all the phases of application of the **Wall2Floor system**, adhesive tape must only be removed once the hardening of each layer is complete.

It is advisable to finish each work with material from the same production batch. If using different production batches it is advisable to mix the various mixes in order to avoid slight differences in hues. For jobs where the use of different production batches is unavoidable, do not apply one colour directly alongside the other. Change the batch where there are breaks in the surfaces, such as mouldings, corners, expansion joints and so on.

Ensure that a correct quantity of product is applied, especially where there are corners, sharp edges, steps or risers. It is advisable to protect corners, sharp edges, steps and risers, with suitable edge protection. Consider using concealed edge protections, which will be embedded into the layers of **Wall2Floor Rasal and Wall2Floor Top Coat**.

Pay particular attention when applying the product inside shower stalls or on other surfaces exposed to contact with water. Do not leave pools of water in prolonged contact with the surface.

Edge protections available on the market can be glued on the finished surface to provide additional protection especially on edges and corners.

It is good practice to always use new or thoroughly cleaned equipment; if necessary replace tools after each application cycle.

### Important notes:

**The Wall2Floor is applied on site. During the application phases, marks left by the laying equipment (rollers, trowels, etc.) and the typical effects contributing to the decoration of the surface may be visible. It is advisable to take the necessary precautions to prevent that dust, insects or other materials, carried in accidentally, for example by the wind, remain embedded into the surface. It should not be forgotten that any material is subject to wear and tear and therefore to scratches. Pay particular attention when applying the product inside shower stalls or on other surfaces exposed to contact with water.**

**In shower stalls that have no ceramic pan, create a slope to allow water to drain. The construction of a shower pan must be designed during renovation or construction so as to include adequate waterproofing treatment. Do not leave pools of water in prolonged contact with the surface. Prolonged contact with soaps, oils, creams and liquids in general or with wet objects may lead to stains or smudges on the surface where the contact occurs.**

## CLEANING AND MAINTENANCE OF SURFACES

Do not clean the surface for the first time until the coating has hardened, generally, after a period of at least **7 days** (calculated at an average temperature of 25 °C and humidity of 60%). In general, surfaces coated with the **Wall2Floor system** can be washed with non-aggressive (neutral) detergents in cold or moderately

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warm water (never wash with temperatures above 40 °C to avoid thermal shocks and avoid steam cleaning). Do not use brushing machines that might affect and alter performance and aesthetic effect.

For the same reasons, do not use **strongly alkaline or acidic descaling products** that may compromise the surface coated with the **Wall2Floor system**.

The surfaces exhibit good resistance to a wide variety of substances commonly used in the home and professionally.

It is advisable to avoid prolonged contact with possibly aggressive substances by removing them quickly and cleaning with water to avoid possible corrosion of the surface of Wall2Floor.

**Avoid** prolonged contact with lemon coffee, lemon juice, tea, vinegar, tomato juice, descaling products and strongly alkaline or acidic detergents in general.

Sand and clean before performing maintenance of the surface layer. It is advisable to reapply the same finish following the instructions detailed above.

Maintenance, particularly if concentrated on a specific portion of the surface, may be visible.

## **SAFETY**

**Irritant / risk of serious damage to eyes / skin irritant / keep out of the reach of children / avoid contact with eyes / in case of contact with eyes, rinse immediately with plenty of water and seek medical advice / wear suitable gloves and protect eyes / face / do not breathe dust / if swallowed, seek medical advice immediately and show this container or label.**

**The product must be transported, used and stored in accordance with current legislation concerning health and safety; let residues dry out completely and treat them as special waste.**

**For further information, consult the MSDS.**

N.B. COLORIFICIO NOVACOLOR guarantees that the information herein is provided to the best of its experience and its technical and scientific knowledge; however, it cannot assume any responsibility for the results obtained using these products since the conditions of application are beyond its control. We recommend that you always check the suitability of the product to each specific use. This current edition supersedes all previous information sheets.

# Wall2Floor-Wellness System

Seamless system for the decoration of walls and floorings.

## DESCRIPTION

**Wall2Floor Wellness** is a declination of the **Wall2Floor** mineral coating, specific to the decoration of both horizontal and vertical surfaces, characterized by high physical and chemical resistance as required in the wellness sector.

Easily cleanable and hygienic surfaces with high resistance to different situations, to dry heat as in the case of Hot Stone massage, where hot basalt volcanic rocks are used, or the moist heat of facial baths or towels.

Good reaction against natural substances, officinal plants, oils, creams, aromas, essences normally used. Surfaces with an adequate durability difficult to reach with conventional systems.

**Wall2Floor Wellness** uses the protective finishes **Clear Finish Countertop Protection**, formulated and tested according to **EN 12720: 2013** and **EN 12721: 2013**.

**Wall2Floor Patina** also allows a strong customization of surfaces by adding to the selection of **Wall2Floor** colors, a touch of uniqueness.

## APPLICATIONS

**Wall2Floor Wellness** represents a perfect solution for any residential and commercial needs, such as SPAs and wellness areas. The various solutions offered, specific for each intended use can meet the needs of a variety of areas of application.

The **Wall2Floor system** can be applied to:

- Concrete
- Screeds (traditional cement screeds, heated or floating screeds, etc.).
- Surfaces covered with ceramic, porcelain and mosaic tiling
- Surfaces with existing epoxy or polyurethane coatings
- Surfaces in natural and rebuilt stone
- Mineral conglomerates of various kinds, provided they are absorbent
- New and old plasters based on hydraulic binders
- Organic or mineral decorative coatings
- Surfaces in plaster and plasterboard (only vertical).

## Requirements:

Surfaces must be clean, dry and compact and free from flaking, salt bloom or damp, wax, oil and dust.

When applying to heated screeds, ensure that all necessary tests have been completed before the application of the **Wall2Floor system** to avoid the formation of condensation, cracks or lesions on the surface, which are in no way connected to the application of the **Wall2Floor system**.

In shower stalls that have no ceramic pan, create a slope to allow water to drain.

**Dynamic joints must remain free to absorb any structural movement that may occur; they must not be joined or covered for any reason.**

## UNSUITABLE SUBSTRATES

**The Wall2Floor system cannot** be applied to forkliftable surfaces, horizontal or vertical substrates that do not offer the necessary guarantees in terms of bonding and dimensional stability.

The following substrates are not suitable:

- Forkliftable surfaces
- Wooden flooring
- Linoleum.
- Pre-finished wooden flooring.
- Painted and unpainted metal surfaces.
- Glass surfaces or concrete and glass blocks.
- Moist surfaces or surfaces with rising damp.
- Do not apply to bathroom fittings or other substrates where water may collect.

**PREPARATION AND APPLICATION OF PRODUCTS OF THE WALL2FLOOR SYSTEM**  
Horizontal surfaces

	<b>TRADITIONAL SCREEDS, CONCRETE, MINERAL CONGLOMERATES</b>	<b>SURFACES COVERED WITH CERAMIC TILING, IN NATURAL AND REBUILT STONE; SURFACES WITH EPOXY OR POLYURETHANE COATINGS</b>	<b>NON-PLANAR ABSORBENT MINERAL SURFACES</b>
<b>Decofix</b>	●		●
<b>Wall2Floor Athena</b>		●	
<b>Wall2Floor Easyflat</b>			●
<b>Wall2Floor Epoxy Binder (A+B) + Wall2Floor Rasal</b>	●	●	●
<b>Wall2Floor Rete</b>	●	●	●
<b>Wall2Floor Rasal</b>	●	●	●
2 Coats of <b>Wall2Floor Top Coat Fine + Wall2Floor Componente B</b>	●	●	●
<b>Wall2Floor Patina</b>	●*	●*	●*
2 Coats of <b>Clear Finish Countertop Protection (A+B)</b>	●	●	●

\* The application of **Wall2Floor Patina** is optional and depends on the achievement of a particular aesthetic effect.

## PREPARATION AND APPLICATION OF PRODUCTS OF THE WALL2FLOOR SYSTEM

### Vertical Surfaces

	TRADITIONAL SCREEDS, CONCRETE, MINERAL CONGLOMERATES	SURFACES COVERED WITH CERAMIC TILING, IN NATURAL AND REBUILT STONE; SURFACES WITH EPOXY OR POLYURETHANE COATINGS	NON-PLANAR ABSORBENT MINERAL SURFACES
<b>Decofix</b>	●		●
<b>Wall2Floor Athena</b>		●	
<b>Wall2Floor Epoxy Binder (A+B) + Wall2Floor Rasal</b>	●	●	●
<b>Wall2Floor Rete</b>	●	●	●
<b>Wall2Floor Rasal</b>	●	●	●
2 Coats of <b>Wall2Floor Top Coat Fine + Wall2Floor Componente B</b>	●	●	●
<b>Wall2Floor Patina</b>	●*	●*	●*
2 Coats of <b>Clear Finish Countertop Protection (A+B)</b>	●	●	●

\* The application of **Wall2Floor Patina** is optional and depends on the achievement of a particular aesthetic effect.

### ENVIRONMENTAL CONDITIONS

Protect the surfaces from freezing and thermal shocks throughout the application. Do not apply when air, substrate or product temperatures are below +10°C or above +35°C, or under direct sunlight or on hot surfaces (even when in shadow), nor on damp or wet surfaces.

The required environmental and substrate conditions for the application of the **Wall2Floor system** are:

- Ambient temperature: Min. +10 °C / Max. +35 °C
- Relative ambient humidity: <75%
- Substrate temperature: Min. +10 °C / Max. +35 °C
- Relative humidity of the substrate: <4%

Failure to observe the conditions listed above may cause flaws or defects in the physical and chemical characteristics of the products and affect the aesthetic performance of the **Wall2Floor system**.

### Fixatives

**Decofix:** waterbased micro emulsion fixative

Product preparation: dilute the product with clean water. The dilution depends on the type of surface to cover.

On gypsum and plasterboards: dilute from 50% to 100%.

On plasters, levelling products for thermal insulating system and on chalky walls and old paints: from 100% to 200% with water.

On concrete surfaces: from 200 % to 300% with water.

Application equipment: roller, brush.

Application: spread the product evenly and over the entire surface.

No. of coats: 1

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Coverage: 8-18 m<sup>2</sup>/l, per each coat, depending on the type of surface and its absorption

Drying time: touch dry after around 2-4 hours; over painting possible after 4 hours

**Wall2Floor Athena:** fixative based on acrylic polymers in aqueous dispersion specific for non-absorbent surfaces

Product preparation: Shake the product before the use.

Dilution: ready to use, do not dilute.

Application equipment: roller, brush.

Application: Spread the product evenly and over the entire surface paying attention to joints, corners and edges.

No. of coats: 1

Coverage: 15-20 m<sup>2</sup>/l, per each coat, depending on the type of surface.

Drying time: touch dry after around 4-6 hours; over painting possible after 8 hours

#### Skim coats

**Wall2Floor Easyflat:** Cement-based self-leveling mortar with low shrinkage.

Mixing ratio: use 4 litres of clean water for each 25 kg **Wall2Floor Easyflat**.

Preparing the mix: pour the mixing water into a clean container. Slowly add **Wall2Floor Easyflat** to the water using a mechanical spiral stirrer.

Mixing time: about three minutes to a uniform mix. The mix obtained must be a uniform, thixotropic mortar free of lumps. Stirring cannot be performed manually.

Pot life of mix: approx. 20 minutes

Application equipment: stainless steel trowel.

Application: apply a layer of **Wall2Floor Easyflat**, spread the product evenly and over the entire surface. The product can be applied in thicknesses from 3 mm to 20 mm. Separate the surface in sections for thicknesses greater than 3 mm.

No. of coats: 1

Coverage rate (referred to powder): 2.5-6.8 kg/m<sup>2</sup> for thicknesses of 5 mm, per each coat.

Drying time for thicknesses up to 3 mm: touch dry after approx. 6-8 hours; over painting possible after 12 hours; for thicknesses greater than 3 mm up to 3 days.

**Wall2Floor Epoxy Binder Component A and B + Wall2Floor Rasal:** three-component epoxy cementitious skim coat

Mixing ratio by weight: 2 parts of **Wall2Floor Epoxy Binder Component A** (1.6 l) + 1 part **Wall2Floor Epoxy Binder Component B** (0.8 l) + 25 Kg of **Wall2Floor Rasal**.

Dilution: the final mix ((1.6 l of component A + 0.8 l of component B) must be diluted by adding 2.5 l of water.

Preparing the mix: stir **Wall2Floor Epoxy Binder Component A** to incorporate any sediment. Pour **Wall2Floor Epoxy Binder Component B** into **Wall2Floor Epoxy Binder Component A** and mix for approx. 45-60 seconds. Add **Wall2Floor Rasal** gradually to the obtained mix while stirring continuously. Use a mechanical spiral stirrer to blend the mix; this operation cannot be performed manually.

Mixing time: about three minutes to a uniform mix. The mix obtained must be a uniform, thixotropic mortar free of lumps.

**Periodically blend the mix to prevent the stratification of inert matter.**

Pot life of mix: approx. 60 minutes

Application equipment: stainless steel trowel.

Application apply a first coat of levelling product incorporating an alkali resistant fiberglass mesh with nominal weight between 70-90 ± 5% g/m<sup>2</sup> (**Wall2Floor Rete**). Draw the ends close without overlapping. Evenly distribute the product on the entire surface.

No. of coats: 1

Coverage rate (referred to A+B mix + Wall2Floor Rasal): 2.0-2.5 Kg/m<sup>2</sup> per coat

Drying time for thicknesses up to 3 mm: touch dry after approx. 6-8 hours; over painting possible after 12 hours.

**Wall2Floor Rasal:** preparation cementitious skim coat.

Mixing ratio: use 5-6 litres of clean water for each 25 kg package of **Wall2Floor Rasal**.

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Preparing the mix: pour the mixing water into a clean container. Slowly add **Wall2Floor Rasal** to the water using a mechanical spiral stirrer.

Mixing time: about three minutes to a uniform mix. The mix obtained must be a uniform, thixotropic mortar free of lumps. Stirring cannot be performed manually.

Pot life of mix: approx. 120 minutes

Application equipment: stainless steel trowel.

Application: Evenly apply a coat of **Wall2Floor Rasal** on the entire surface.

No. of coats: 1

Coverage rate (referred to powder): 0.8-1.3 Kg/m<sup>2</sup> per coat

Drying time: touch dry after approx. 6-8 hours; over painting possible after 8 hours

#### Ancillary Technical Products:

**Wall2Floor Rete**: an alkali resistant fiberglass mesh with nominal weight between 70-90 ± 5% g/m<sup>2</sup>

During the applications on horizontal substrates, the mesh must be incorporated in the layer of **Wall2Floor Epoxy Binder A + B + Wall2Floor Rasal** without overlapping the ends. In applications on vertical substrates the mesh must be incorporated in the first layer of **Wall2Floor Rasal**.

Dimensions: length 50.0 m and width 1.0 m.

#### Decorative coatings

**Wall2Floor Top Coat Fine**: fine decorative coating for internal and external horizontal and vertical surfaces.

Mixing ratio by weight: 15 Kg of **Wall2Floor Top Coat Fine** + 5 Kg of **Wall2Floor Component B**.

Dilution: it is possible to dilute the final mix by adding up to 5% of water.

Tinting: stir **Wall2Floor Top Coat Fine** before colouring. Tint using the **Mixcolor** colouring system by **Novacolor**. Mix the colouring agent with **Wall2Floor Top Coat Fine** using a gyroscopic stirrer or a mechanical spiral stirrer.

Preparing the mix: only immediately before applying the product at the job site add to each 15 kg package of **Wall2Floor Top Coat Fine**, a 5 kg package of **Wall2Floor Component B**. The powder component (**Wall2Floor Component B**) must be added gradually and blending performed using a mechanical spiral stirrer. The mixing of the two components cannot be performed manually.

Mixing time: about three minutes to a uniform mix. The mix obtained must be a uniform, thixotropic mortar free of lumps.

Pot life of mix: approx. 120 minutes

Application equipment: stainless steel trowel.

Application: apply a first coat of **Wall2Floor Top Coat Fine**, previously mixed with **Wall2Floor Component B** to smooth the surface. Wait for the surface to dry, usually between 6-8 hours, and then apply a second layer of **Wall2Floor Top Coat Fine**, previously mixed with **Wall2Floor Component B**, and work the surface to obtain the desired aesthetic effect.

No. of coats: 2

Coverage rate (referred to the mix **Wall2Floor Top Coat Fine** + **Wall2Floor Component B**): 1.0-1.2 kg/m<sup>2</sup>, with two coats.

Drying time: touch dry after approx. 6-8 hours; over painting possible after 8 hours

**Wall2Floor Component B**: powder admixture specifically for **Wall2Floor Top Coat** and **Wall2Floor Top Coat Fine**.

#### Decorative ancillary products

**Wall2Floor Patina (Gold, Silver, Platino, Opaca)**: decorative glaze for internal surfaces

Preparing the product: stir the product manually before use.

Tinting: stir **Wall2Floor Patina** before colouring. Tint using the **Mixcolor** colouring system by **Novacolor**.

Mix using a gyroscopic stirrer.

Dilution: the product is ready to use; do not dilute.

Application equipment: stainless steel trowel, sponge, sponge trowel.

Application: using a stainless steel trowel, sponge, or sponge trowel apply a coat of **Wall2Floor Patina**, working the surface to obtain the desired aesthetic effect.

No. of coats: 1

Coverage rate: 8-15 m<sup>2</sup>/l, with one coat.

Drying time: touch dry after approx. 6-8 hours; over painting possible after 8 hours

#### Protections

**Wall2Floor Clear Finish (Matt, Satin, Glossy):** two-component water-based polyurethane finish

Mixing ratio by weight: 10 parts of component A + 3 parts of component B

Preparing the mix: stir **Wall2Floor Clear Finish A** to incorporate any sediment. Pour **Wall2Floor Clear Finish B** into **Wall2Floor Clear Finish A** and mix by hand for approx. 45-60 seconds. You may also choose to use a mechanical stirrer with paddle at slow speed for approx. 1 minute. The final mix will be free of lumps, impurities or unmixed residues of the two components.

Dilution: it is possible to dilute the final mix by adding up to 10% of water.

Before applying each layer of **Wall2Floor Clear Finish** we advise filtering the mix using a cloth or nylon filter or a specific paint filter-funnel with a 40-90 micron mesh.

Pot life of mix: approx. 60 minutes

Application: apply a coat of **Wall2Floor Clear Finish** prepared in advance. Apply two coats of **Wall2Floor Clear Finish** prepared in advance. Spread the product evenly and over the entire surface, avoiding build-up. Be especially careful when applying around corners and edges. Wait for sufficient drying time between one layer and the other.

No. of coats: 2

Coverage rate (referred to A+B mix) 6-7 m<sup>2</sup>/l, with two coats.

Drying time: walkable after at least 24 hours; complete cure: 7 days

## CLEANING THE EQUIPMENT

For all other products, use water to clean the equipment immediately after usage

## STORAGE CONDITIONS AND SHELF LIFE

Stability in the original unopened containers, stored under cover and in adequate temperature conditions: 1 year for powder products and two-component products and two years for paste products.

Maximum storage temperature: +35°C

Minimum storage temperature: +5°C.

## TINTING

Colours are obtainable using the tinting system **Mixcolor by Novacolor**. It is advisable to use only resistant colouring pastes tested on mineral systems with strongly alkaline pH. **Wall2Floor Top Coat**, **Wall2Floor Top Coat Fine**, and **Wall2Floor Patina Neutra** can be coloured. Regarding **Wall2Floor Top Coat**, this operation must always be carried out before the addition of **Wall2Floor Component B**. It is good practice to always use material from the same manufacturing batch.

## WARNINGS

Prolonged contact with soaps, oils, creams and liquids in general or with wet objects may lead to stains or smudges on the surface where the contact occurs.

Allow at least four weeks' curing before applying to newly-laid concrete substrates.

The product should be used only by personnel with experience in laying floors.

Further details may be found in the **WALL2FLOOR SYSTEM ANNEX** to the technical data sheet.

## PRECAUTIONS

Check the suitability and condition of equipment and personal protective equipment (goggles, gloves, knee pads, etc.).

Do not expose the products to direct heat or temperatures below +5 °C for long periods. If the products are stored at temperatures close to +5°C, we recommend that prior to use they are placed in an area with higher and more appropriate temperatures so that when they are to be used the product temperature will not be below +10 °C. If stored at temperatures below +10° C, place the product in a properly heated room prior to use.

Do not heat the products using a direct source of heat, flame, heat element or similar. Low temperatures increase the pot viscosity making the mix difficult to use and lengthening or inhibiting the drying and

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hardening process of the various products.

If the **Wall2Floor system** is to be applied on both vertical and horizontal surfaces in the same environment, we recommend applying the system firstly to vertical surfaces and then to the horizontal surfaces.

Through all the phases of application of the **Wall2Floor system**, adhesive tape must only be removed once the hardening of each layer is complete.

It is advisable to finish each work with material from the same production batch. If using different production batches it is advisable to mix the various mixes in order to avoid slight differences in hues. For jobs where the use of different production batches is unavoidable, do not apply one colour directly alongside the other. Change the batch where there are breaks in the surfaces, such as mouldings, corners, expansion joints and so on.

Ensure that a correct quantity of product is applied, especially where there are corners, sharp edges, steps or risers. It is advisable to protect corners, sharp edges, steps and risers, with suitable edge protection. Consider using concealed edge protections, which will be embedded into the layers of **Wall2Floor Rasal and Wall2Floor Top Coat**.

Pay particular attention when applying the product inside shower stalls or on other surfaces exposed to contact with water. Do not leave pools of water in prolonged contact with the surface.

Edge protections available on the market can be glued on the finished surface to provide additional protection especially on edges and corners.

It is good practice to always use new or thoroughly cleaned equipment; if necessary replace tools after each application cycle.

#### **Important notes:**

**The Wall2Floor is applied on site. During the application phases, marks left by the laying equipment (rollers, trowels, etc.) and the typical effects contributing to the decoration of the surface may be visible. It is advisable to take the necessary precautions to prevent that dust, insects or other materials, carried in accidentally, for example by the wind, remain embedded into the surface. It should not be forgotten that any material is subject to wear and tear and therefore to scratches. Pay particular attention when applying the product inside shower stalls or on other surfaces exposed to contact with water.**

**In shower stalls that have no ceramic pan, create a slope to allow water to drain. The construction of a shower pan must be designed during renovation or construction so as to include adequate waterproofing treatment. Do not leave pools of water in prolonged contact with the surface.**

**Prolonged contact with soaps, oils, creams and liquids in general or with wet objects may lead to stains or smudges on the surface where the contact occurs.**

#### **CLEANING AND MAINTENANCE OF SURFACES**

Do not clean the surface for the first time until the coating has hardened, generally, after a period of at least **7 days** (calculated at an average temperature of 25 °C and humidity of 60%). In general, surfaces coated with the **Wall2Floor system** can be washed with non-aggressive (neutral) detergents in cold or moderately warm water (never wash with temperatures above 40 °C to avoid thermal shocks and avoid steam cleaning). Do not use brushing machines that might affect and alter performance and aesthetic effect.

For the same reasons, do not use **strongly alkaline or acidic descaling products** that may compromise the surface coated with the **Wall2Floor system**.

The surfaces exhibit good resistance to a wide variety of substances commonly used in the home and professionally.

It is advisable to avoid prolonged contact with possibly aggressive substances by removing them quickly and cleaning with water to avoid possible corrosion of the surface of Wall2Floor.

**Avoid** prolonged contact with lemon coffee, lemon juice, tea, vinegar, tomato juice, descaling products and strongly alkaline or acidic detergents in general.

Sand and clean before performing maintenance of the surface layer. It is advisable to reapply the same finish following the instructions detailed above.

Maintenance, particularly if concentrated on a specific portion of the surface, may be visible.

#### **SAFETY**

**Irritant / risk of serious damage to eyes / skin irritant / keep out of the reach of children / avoid contact with eyes / in case of contact with eyes, rinse immediately with plenty of water and seek medical advice / wear suitable gloves and protect eyes / face / do not breathe dust / if swallowed, seek medical advice immediately and show this container or label.**

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**The product must be transported, used and stored in accordance with current legislation concerning health and safety; let residues dry out completely and treat them as special waste.  
For further information, consult the MSDS.**

N.B. COLORIFICIO NOVACOLOR guarantees that the information herein is provided to the best of its experience and its technical and scientific knowledge; however, it cannot assume any responsibility for the results obtained using these products since the conditions of application are beyond its control. We recommend that you always check the suitability of the product to each specific use. This current edition supersedes all previous information sheets.

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# Wall2Floor- Outdoor System

Seamless system for the decoration of walls and floorings.

## DESCRIPTION

**Wall2Floor Outdoor** is a specific declination of the **Wall2Floor** mineral coating for the decoration of both horizontal and vertical surfaces.

Thanks to the synergy of the various components **Wall2Floor Outdoor** allow to achieve high mechanical strengths associated with a long durability.

The two-component epoxy binder, **Wall2Floor Block**, Tri-component epoxy cementitious **Wall2Floor Epoxy Binder** and the fine decorative **Wall2Floor Top Coat Fine**, allow to reach an excellent aesthetic result associated with excellent adhesion to the support. **The Wall2Floor Clear Finish finishes in addition to being low-light, guarantee a high resistance to water and abrasion.**

**Wall2Floor Outdoor** performance has been tested in accordance with **UNI EN ISO 5470-1, UNI EN ISO 6272** and **EN 12720: 2013** guidelines.

**Wall2Floor Outdoor** uses as wall preparation product **Wall2Floor Block** an effective vapor barrier bi-component epoxy. In order to guarantee an excellent result in time, from a technical and aesthetic point of view, prior to the realization of **Wall2Floor Outdoor** it is essential to consider the destination of use of the surface (garden board, pedestrian path, pool edge, etc.), having care to evaluate the state and the presence of suitable backgrounds appropriate to the context.

For surfaces with water stagnation and pedestrian foot bouncing, for example near swimming pools, it is advisable to make with **Wall2Floor Rasal** and **Wall2Floor Top Coat Fine** Finish a slight texturization to provide less slippage.

## APPLICATIONS

**Wall2Floor Outdoor** represents a perfect solution for any residential and commercial needs, such as terraces and outdoor areas. The various solutions offered, specific for each intended use can meet the needs of a variety of areas of application.

The **Wall2Floor** can be applied to:

- Concrete
- Screeds (traditional cement screeds, heated or floating screeds, etc.).
- Surfaces covered with ceramic, porcelain and mosaic tiling
- Surfaces with existing epoxy or polyurethane coatings
- Surfaces in natural and rebuilt stone
- Mineral conglomerates of various kinds, provided they are absorbent
- New and old plasters based on hydraulic binders
- Organic or mineral decorative coatings

## Requirements:

Surfaces must be clean, dry and compact and free from flaking, salt bloom or damp, wax, oil and dust.

When applying to heated screeds, ensure that all necessary tests have been completed before the application of the **Wall2Floor system** to avoid the formation of condensation, cracks or lesions on the surface, which are in no way connected to the application of the **Wall2Floor system**.

In shower stalls that have no ceramic pan, create a slope to allow water to drain.

**Dynamic joints must remain free to absorb any structural movement that may occur; they must not be joined or covered for any reason.**

## UNSUITABLE SUBSTRATES

**The Wall2Floor system cannot** be applied to forkliftable surfaces, horizontal or vertical substrates that do not offer the necessary guarantees in terms of bonding and dimensional stability.

The following substrates are not suitable:

- Forkliftable surfaces
- Wooden flooring
- Linoleum.

- Pre-finished wooden flooring.
- Painted and unpainted metal surfaces.
- Glass surfaces or concrete and glass blocks.
- Moist surfaces or surfaces with rising damp.
- Do not apply to bathroom fittings or other substrates where water may collect.

## PREPARATION AND APPLICATION OF PRODUCTS OF THE WALL2FLOOR SYSTEM

### Horizontal surfaces

	<b>TRADITIONAL SCREEDS, CONCRETE, MINERAL CONGLOMERATES</b>	<b>SURFACES COVERED WITH CERAMIC TILING, IN NATURAL AND REBUILT STONE; SURFACES WITH EPOXY OR POLYURETHANE COATINGS</b>	<b>NON-PLANAR ABSORBENT MINERAL SURFACES</b>
<b>Wall2Floor Mesh</b>	●	●	●
<b>Wall2Floor Block (A+B)</b>	●	●	●
<b>Wall2Floor Block (A+B) + Wall2Floor Sand</b>	●	●	●
<b>Wall2Floor Easyflat</b>			●
<b>Wall2Floor Epoxy Binder (A+B) + Wall2Floor Rasal</b>	●	●	●
<b>Wall2Floor Rasal</b>	●	●	●
2 coats of <b>Wall2Floor Top Coat Fine + Wall2Floor Component B</b>	●	●	●
2 coats of <b>Wall2Floor Clear Finish (Matt/Satin/Glossy) (A+B)</b>	●	●	●

Clean the equipment immediately after use; for **Wall2Floor Block A and B, Wall2Floor Block (A+B) + Wall2Floor Sand** clean the equipment using a nitro thinner.



## PREPARATION AND APPLICATION OF PRODUCTS OF THE WALL2FLOOR SYSTEM

### Vertical Surfaces

	TRADITIONAL SCREEDS, CONCRETE, MINERAL CONGLOMERATES	SURFACES COVERED WITH CERAMIC TILING, IN NATURAL AND REBUILT STONE; SURFACES WITH EPOXY OR POLYURETHANE COATINGS	NON-PLANAR ABSORBENT MINERAL SURFACES
Decofix	●		●
Wall2Floor Athena		●	
Wall2Floor Rasal		●	●
Wall2Floor Mesh		●	●
Wall2Floor Rasal		●	●
2 coats of Wall2Floor Top Coat Fine + Wall2Floor Component B	●	●	●
2 coats of Wall2Floor Clear Finish (Matt/Satin/Glossy) (A+B)	●	●	●

### ENVIRONMENTAL CONDITIONS

Protect the surfaces from freezing and thermal shocks throughout the application. Do not apply when air, substrate or product temperatures are below +10°C or above +35°C, or under direct sunlight or on hot surfaces (even when in shadow), nor on damp or wet surfaces.

The required environmental and substrate conditions for the application of the **Wall2Floor system** are:

- Ambient temperature: Min. +10 °C / Max. +35 °C
- Relative ambient humidity: <75%
- Substrate temperature: Min. +10 °C / Max. +35 °C
- Relative humidity of the substrate: <4%

Failure to observe the conditions listed above may cause flaws or defects in the physical and chemical characteristics of the products and affect the aesthetic performance of the **Wall2Floor system**.

### Ancillary Technical Products

**Wall2Floor Rete:** an alkali resistant fiberglass mesh with nominal weight between 70-90 ± 5% g/m<sup>2</sup>

The mesh must be incorporated in the first layer without overlapping the ends.

Dimensions: length 50.0 m and width 1.0 m.

### Primers

**Wall2Floor Block:** two-component epoxy steam barrier

Residual humidity: < 5%

Mixing ratio by weight: (100÷60): 3.3 Kg of **Wall2Floor Block Component A** + 2.0 Kg **Wall2Floor Block Component B**.

Preparing the mix: stir **Wall2Floor Block Component A** to incorporate any sediment. Pour **Wall2Floor Block Component B** into **Wall2Floor Block Component A** and mix by hand for approx. 45-60 seconds.

You may also choose to use a mechanical stirrer with paddle at slow speed for approx. 1 minute. The final mix will be free of lumps, impurities or unmixed residues of the two components.

Dilution: the product cannot be diluted.

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Pot life of mix: approx. 60 minutes

Application equipment: roller.

Application: before applying, place an alkali resistant fiberglass mesh with nominal weight between 70-90 ± 5% g/m<sup>2</sup> on the surface (**Wall2Floor Rete**). Draw the ends close without overlapping. Cover the mesh by applying **Wall2Floor Block** with a roller, making sure to spread the product evenly and over the entire surface.

No. of coats: 1

Coverage rate (referred to A+B mix) 0.300-0.400 Kg/m<sup>2</sup> per coat

Drying time: touch dry after approx. 4-6 hours; over painting possible after 8 hours

The tools must be cleaned with **NITRO THINNER**

**Wall2Floor Block + Wall2Floor Sand:** Tri-component quartz epoxy primer

Mixing ratio by weight: 3.3 Kg of **Wall2Floor Block Component A** + 2.0 Kg **Wall2Floor Block Component B** + 10.75 Kg of **Wall2Floor Sand** (quartz sand 0.3-0.9 mm).

Preparing the mix: stir **Wall2Floor Block Component A** to incorporate any sediment. Pour **Wall2Floor Block Component B** into **Wall2Floor Primer Component A** and mix for approx. 45-60 seconds. Add **Wall2Floor Sand** gradually to the obtained mix while stirring continuously. Use a mechanical spiral stirrer to blend the mix; this operation cannot be performed manually.

Mixing time: about three minutes to a uniform mix. The mix obtained must be uniform and free of lumps.

**While using, continue to blend the mix manually to prevent sand stratification**

Dilution: the product cannot be diluted.

Pot life of mix: approx. 60 minutes

Application equipment: stainless steel trowel.

Application: apply a layer of the above mixture making sure to cover the mesh. For proper use of the material and not to alter its performance and features, stir the mortar frequently.

No. of coats: 1

Coverage rate (referred to A+B mix + Wall2Floor Sand): 3.6-4.0 Kg/m<sup>2</sup> per coat.

Drying time: touch dry after approx. 6-8 hours; over painting possible after 12 hours

The tools must be cleaned with **NITRO THINNER**

### Skim coats

**Wall2Floor Easyflat:** Cement-based self-leveling mortar with low shrinkage.

Mixing ratio: use 4 litres of clean water for each 25 kg **Wall2Floor Easyflat**.

Preparing the mix: pour the mixing water into a clean container. Slowly add **Wall2Floor Easyflat** to the water using a mechanical spiral stirrer.

Mixing time: about three minutes to a uniform mix. The mix obtained must be a uniform, thixotropic mortar free of lumps. Stirring cannot be performed manually.

Pot life of mix: approx. 20 minutes

Application equipment: stainless steel trowel.

Application: apply a layer of **Wall2Floor Easyflat**, spread the product evenly and over the entire surface. The product can be applied in thicknesses from 3 mm to 20 mm. Separate the surface in sections for thicknesses greater than 3 mm.

No. of coats: 1

Coverage rate (referred to powder): 2.5-6.8 kg/m<sup>2</sup> for thicknesses of 5 mm, per each coat.

Drying time for thicknesses up to 3 mm: touch dry after approx. 6-8 hours; over painting possible after 12 hours; for thicknesses greater than 3 mm up to 3 days.

**Wall2Floor Epoxy Binder Component A and B + Wall2Floor Rasal:** three-component epoxy cementitious skim coat

Mixing ratio by weight: 2 parts of **Wall2Floor Epoxy Binder Component A** (1.6 l) + 1 part **Wall2Floor Epoxy Binder Component B** (0.8 l) + 25 Kg of **Wall2Floor Rasal**.

Dilution: the final mix (1.6 l of component A + 0.8 l of component B) must be diluted by adding 2.5 l of water.

Preparing the mix: stir **Wall2Floor Epoxy Binder Component A** to incorporate any sediment. Pour **Wall2Floor Epoxy Binder Component B** into **Wall2Floor Epoxy Binder Component A** and mix for

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approx. 45-60 seconds. Add **Wall2Floor Rasal** gradually to the obtained mix while stirring continuously. Use a mechanical spiral stirrer to blend the mix; this operation cannot be performed manually.

Mixing time: about three minutes to a uniform mix. The mix obtained must be a uniform, thixotropic mortar free of lumps.

**Periodically blend the mix to prevent the stratification of inert matter.**

Pot life of mix: approx. 60 minutes

Application equipment: stainless steel trowel.

Application: apply a coat of **Wall2Floor Epoxy Binder Component A and B + Wall2Floor Rasal** evenly on the surface.

No. of coats: 1

Coverage rate (referred to A+B mix + Wall2Floor Rasal): 2.0-2.5 Kg/m<sup>2</sup> per coat

Drying time for thicknesses up to 3 mm: touch dry after approx. 6-8 hours; over painting possible after 12 hours.

**Wall2Floor Rasal NF**: preparation cementitious skim coat.

Mixing ratio: use 5-6 litres of clean water for each 25 kg package of **Wall2Floor Rasal**.

Preparing the mix: pour the mixing water into a clean container. Slowly add **Wall2Floor Rasal** to the water using a mechanical spiral stirrer.

Mixing time: about three minutes to a uniform mix. The mix obtained must be a uniform, thixotropic mortar free of lumps. Stirring cannot be performed manually.

Pot life of mix: approx. 120 minutes

Application equipment: stainless steel trowel.

Application on vertical substrates: apply a first coat of **Wall2Floor Rasal** incorporating an alkali resistant fiberglass mesh with nominal weight between 70-90 ± 5% g/m<sup>2</sup> (**Wall2Floor Rete**). Draw the ends close without overlapping. Wait for the surface to dry, usually between 6-8 hours, and then apply a second layer of **Wall2Floor Rasal** with stainless steel trowel to level the surface.

No. of coats: 1 in horizontal / 2 in vertical

Coverage rate (referred to powder): 0.8-1.3 Kg/m<sup>2</sup> per coat

Drying time: touch dry after approx. 6-8 hours; over painting possible after 8 hours

### Decorative coatings

**Wall2Floor Top Coat Fine**: fine decorative coating for internal and external horizontal surfaces.

Mixing ratio by weight: 15 Kg of **Wall2Floor Top Coat Fine** + 5 Kg of **Wall2Floor Component B**.

Dilution: it is possible to dilute the final mix by adding up to 5% of water.

Tinting: stir **Wall2Floor Top Coat Fine** before colouring. Tint using the **Mixcolor** colouring system by **Novacolor**. Mix the colouring agent with **Wall2Floor Top Coat Fine** using a gyroscopic stirrer or a mechanical spiral stirrer.

Preparing the mix: only immediately before applying the product at the job site add to each 15 kg package of **Wall2Floor Top Coat Fine**, a 5 kg package of **Wall2Floor Component B**. The powder component (**Wall2Floor Component B**) must be added gradually and blending performed using a mechanical spiral stirrer. The mixing of the two components cannot be performed manually.

Mixing time: about three minutes to a uniform mix. The mix obtained must be a uniform, thixotropic mortar free of lumps.

Pot life of mix: approx. 120 minutes

Application equipment: stainless steel trowel.

Application: apply a first coat of **Wall2Floor Top Coat Fine**, previously mixed with **Wall2Floor Component B** to smooth the surface. Wait for the surface to dry, usually between 6-8 hours, and then apply a second layer of **Wall2Floor Top Coat Fine**, previously mixed with **Wall2Floor Component B**, and work the surface to obtain the desired aesthetic effect.

No. of coats: 2

Coverage rate (referred to the mix Wall2Floor Top Coat Fine + Wall2Floor Component B): 1.0-1.2 kg/m<sup>2</sup>, with two coats.

Drying time: touch dry after approx. 6-8 hours; over painting possible after 8 hours

**Wall2Floor Component B**: powder admixture specifically for **Wall2Floor Top Coat** and **Wall2Floor Top Coat Fine**.

### Protections

**Wall2Floor Clear Finish (Matt, Satin, Glossy):** two-component water-based polyurethane finish

Mixing ratio by weight: 10 parts of component A + 3 parts of component B

Preparing the mix: stir **Wall2Floor Clear Finish A** to incorporate any sediment. Pour **Wall2Floor Clear Finish B** into **Wall2Floor Clear Finish A** and mix by hand for approx. 45-60 seconds. You may also choose to use a mechanical stirrer with paddle at slow speed for approx. 1 minute. The final mix will be free of lumps, impurities or unmixed residues of the two components.

Dilution: it is possible to dilute the final mix by adding up to 10% of water.

Before applying each layer of **Wall2Floor Clear Finish** we advise filtering the mix using a cloth or nylon filter or a specific paint filter-funnel with a 40-90 micron mesh.

Pot life of mix: approx. 60 minutes

Application: apply a coat of **Wall2Floor Clear Finish** prepared in advance. Apply two coats of **Wall2Floor Clear Finish** prepared in advance. Spread the product evenly and over the entire surface, avoiding build-up. Be especially careful when applying around corners and edges. Wait for sufficient drying time between one layer and the other.

No. of coats: 2

Coverage rate (referred to A+B mix) 6-7 m<sup>2</sup>/l, with two coats.

Drying time: walkable after at least 24 hours; complete cure: 7 days

### CLEANING THE EQUIPMENT

Clean the equipment immediately after use. For **Wall2Floor Block A** and **B**, **Wall2Floor Block (A+B)** + **Wall2Floor Sand** clean the equipment using a nitro thinner.

For all other products, use water to clean the equipment.

### STORAGE CONDITIONS AND SHELF LIFE

Stability in the original unopened containers, stored under cover and in adequate temperature conditions: 1 year for powder products and two-component products and two years for paste products.

Maximum storage temperature: +35°C

Minimum storage temperature: +5°C.

### TINTING

Colours are obtainable using the tinting system Mixcolor by Novacolor. It is advisable to use only resistant colouring pastes tested on mineral systems with strongly alkaline pH. **Wall2Floor Top Coat**, **Wall2Floor Top Coat Fine**, and **Wall2Floor Patina Neutra** can be coloured. Regarding **Wall2Floor Top Coat**, this operation must always be carried out before the addition of **Wall2Floor Component B**. It is good practice to always use material from the same manufacturing batch.

### WARNINGS

Prolonged contact with soaps, oils, creams and liquids in general or with wet objects may lead to stains or smudges on the surface where the contact occurs.

Allow at least four weeks' curing before applying to newly-laid concrete substrates.

The product should be used only by personnel with experience in laying floors.

Further details may be found in the **WALL2FLOOR SYSTEM ANNEX** to the technical data sheet.

### PRECAUTIONS

Check the suitability and condition of equipment and personal protective equipment (goggles, gloves, knee pads, etc.).

Do not expose the products to direct heat or temperatures below +5 °C for long periods. If the products are stored at temperatures close to +5°C, we recommend that prior to use they are placed in an area with higher and more appropriate temperatures so that when they are to be used the product temperature will not be below +10 °C. If stored at temperatures below +10° C, place the product in a properly heated room prior to use.

Do not heat the products using a direct source of heat, flame, heat element or similar. Low temperatures increase the pot viscosity making the mix difficult to use and lengthening or inhibiting the drying and hardening process of the various products.

If the **Wall2Floor system** is to be applied on both vertical and horizontal surfaces in the same environment,

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we recommend applying the system firstly to vertical surfaces and then to the horizontal surfaces.

Through all the phases of application of the **Wall2Floor system**, adhesive tape must only be removed once the hardening of each layer is complete.

It is advisable to finish each work with material from the same production batch. If using different production batches it is advisable to mix the various mixes in order to avoid slight differences in hues. For jobs where the use of different production batches is unavoidable, do not apply one colour directly alongside the other. Change the batch where there are breaks in the surfaces, such as mouldings, corners, expansion joints and so on.

Ensure that a correct quantity of product is applied, especially where there are corners, sharp edges, steps or risers. It is advisable to protect corners, sharp edges, steps and risers, with suitable edge protection. Consider using concealed edge protections, which will be embedded into the layers of **Wall2Floor Rasal and Wall2Floor Top Coat**.

Pay particular attention when applying the product inside shower stalls or on other surfaces exposed to contact with water. Do not leave pools of water in prolonged contact with the surface.

Edge protections available on the market can be glued on the finished surface to provide additional protection especially on edges and corners.

It is good practice to always use new or thoroughly cleaned equipment; if necessary replace tools after each application cycle.

#### **Important notes:**

**The Wall2Floor is applied on site. During the application phases, marks left by the laying equipment (rollers, trowels, etc.) and the typical effects contributing to the decoration of the surface may be visible. It is advisable to take the necessary precautions to prevent that dust, insects or other materials, carried in accidentally, for example by the wind, remain embedded into the surface. It should not be forgotten that any material is subject to wear and tear and therefore to scratches. Pay particular attention when applying the product inside shower stalls or on other surfaces exposed to contact with water.**

**In shower stalls that have no ceramic pan, create a slope to allow water to drain. The construction of a shower pan must be designed during renovation or construction so as to include adequate waterproofing treatment. Do not leave pools of water in prolonged contact with the surface.**

**Prolonged contact with soaps, oils, creams and liquids in general or with wet objects may lead to stains or smudges on the surface where the contact occurs.**

#### **CLEANING AND MAINTENANCE OF SURFACES**

Do not clean the surface for the first time until the coating has hardened, generally, after a period of at least **7 days** (calculated at an average temperature of 25 °C and humidity of 60%). In general, surfaces coated with the **Wall2Floor system** can be washed with non-aggressive (neutral) detergents in cold or moderately warm water (never wash with temperatures above 40 °C to avoid thermal shocks and avoid steam cleaning). Do not use brushing machines that might affect and alter performance and aesthetic effect.

For the same reasons, do not use **strongly alkaline or acidic descaling products** that may compromise the surface coated with the **Wall2Floor system**.

The surfaces exhibit good resistance to a wide variety of substances commonly used in the home and professionally.

It is advisable to avoid prolonged contact with possibly aggressive substances by removing them quickly and cleaning with water to avoid possible corrosion of the surface of Wall2Floor.

**Avoid** prolonged contact with lemon coffee, lemon juice, tea, vinegar, tomato juice, descaling products and strongly alkaline or acidic detergents in general.

Sand and clean before performing maintenance of the surface layer. It is advisable to reapply the same finish following the instructions detailed above.

Maintenance, particularly if concentrated on a specific portion of the surface, may be visible.

#### **SAFETY**

**Irritant / risk of serious damage to eyes / skin irritant / keep out of the reach of children / avoid contact with eyes / in case of contact with eyes, rinse immediately with plenty of water and seek medical advice / wear suitable gloves and protect eyes / face / do not breathe dust / if swallowed, seek medical advice immediately and show this container or label.**

**The product must be transported, used and stored in accordance with current legislation concerning health and safety; let residues dry out completely and treat them as special waste.**

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**For further information, consult the MSDS.**

N.B. COLORIFICIO NOVACOLOR guarantees that the information herein is provided to the best of its experience and its technical and scientific knowledge; however, it cannot assume any responsibility for the results obtained using these products since the conditions of application are beyond its control. We recommend that you always check the suitability of the product to each specific use. This current edition supersedes all previous information sheets.

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# Wall2Floor-Commercial System

Seamless system for the decoration of walls and floorings.

## DESCRIPTION

**Wall2Floor Commercial** is a version of **Wall2Floor** mineral coating characterised by high resistance to pedestrian traffic typical of commercial surfaces.

**Wall2Floor Commercial** thanks to the combination of **Wall2Floor Block** a two-component epoxy primer and **Wall2Floor Epoxy Binder** a three-component epoxy-based cementitious skim coat can create a compact and impact-resistant base. Finishing with one of the **Wall2Floor Clear Finish** paints creates a high abrasion-resistant finished surface, an essential prerequisite for all surfaces subject to high pedestrian traffic.

**Wall2Floor Commercial** is suitable for decorating horizontal and vertical internal surfaces.

**Wall2Floor Commercial** performance was tested for resistance to wear and tear according to **UNI EN ISO 5470-1** and for resistance to impact according to **UNI EN ISO 6272**.

## APPLICATIONS

**Wall2Floor Commercial** represents a perfect solution for any residential and commercial needs, such as showrooms, reception areas, hotels and public offices. The various solutions offered, specific for each intended use can meet the needs of a variety of areas of application.

The **Wall2Floor system** can be applied to:

- Concrete
- Screeds (traditional cement screeds, heated or floating screeds, etc.).
- Surfaces covered with ceramic, porcelain and mosaic tiling
- Surfaces with existing epoxy or polyurethane coatings
- Surfaces in natural and rebuilt stone
- Mineral conglomerates of various kinds, provided they are absorbent
- New and old plasters based on hydraulic binders
- Organic or mineral decorative coatings
- Surfaces in plaster and plasterboard (only vertical).

## Requirements:

Surfaces must be clean, dry and compact and free from flaking, salt bloom or damp, wax, oil and dust.

When applying to heated screeds, ensure that all necessary tests have been completed before the application of the **Wall2Floor system** to avoid the formation of condensation, cracks or lesions on the surface, which are in no way connected to the application of the **Wall2Floor system**.

In shower stalls that have no ceramic pan, create a slope to allow water to drain.

**Dynamic joints must remain free to absorb any structural movement that may occur; they must not be joined or covered for any reason.**

## UNSUITABLE SUBSTRATES

**The Wall2Floor system cannot** be applied to forkliftable surfaces, horizontal or vertical substrates that do not offer the necessary guarantees in terms of bonding and dimensional stability.

The following substrates are not suitable:

- Forkliftable surfaces
- Wooden flooring
- Linoleum.
- Pre-finished wooden flooring.
- Painted and unpainted metal surfaces.
- Glass surfaces or concrete and glass blocks.
- Moist surfaces or surfaces with rising damp.
- Do not apply to bathroom fittings or other substrates where water may collect.

PREPARATION AND APPLICATION OF PRODUCTS OF THE WALL2FLOOR SYSTEM

Horizontal surfaces

	TRADITIONAL SCREEDS, CONCRETE, MINERAL CONGLOMERATES	SURFACES COVERED WITH CERAMIC TILING, IN NATURAL AND REBUILT STONE; SURFACES WITH EPOXY OR POLYURETHANE COATINGS	NON-PLANAR ABSORBENT MINERAL SURFACES
Wall2Floor Rete	•	•	•
Wall2Floor Block (A+B)	•	•	•
Wall2Floor Block (A+B) + Wall2Floor Sand	•	•	•
Wall2Floor Easyflat			•
Wall2Floor Epoxy Binder (A+B) + Wall2Floor Rasal	•	•	•
2 coats of Wall2Floor Top Coat + Wall2Floor Component B  or  2 coats of Wall2Floor Top Coat Fine + Wall2Floor Component B	•  •*	•  •*	•  •*
Wall2Floor Patina	•**	•**	•**
Wall2Floor Primer	•	•	•
2 coats of Wall2Floor Clear Finish (Matt/Satin/Glossy) (A+B)	•	•	•

\*When applying **Wall2Floor Top Coat Fine** do not apply **Wall2Floor Primer**

\*\*If decorating with **Wall2Floor Patina** apply it before applying **Wall2Floor Primer**

You must use either **Wall2Floor Top Coat** or **Wall2Floor Top Coat Fine**

Clean the equipment immediately after use; for **Wall2Floor Block A** and **B**, **Wall2Floor Block (A+B)** + **Wall2Floor Sand** clean the equipment using a nitro thinner.

**PREPARATION AND APPLICATION OF PRODUCTS OF THE WALL2FLOOR SYSTEM**

**Vertical Surfaces**

	<b>TRADITIONAL SCREEDS, CONCRETE, MINERAL CONGLOMERATES</b>	<b>SURFACES COVERED WITH CERAMIC TILING, IN NATURAL AND REBUILT STONE; SURFACES WITH EPOXY OR POLYURETHANE COATINGS</b>	<b>NON-PLANAR ABSORBENT MINERAL SURFACES</b>
<b>Decofix</b>	•		•
<b>Wall2Floor Athena</b>		•	
<b>Wall2Floor Rasal</b>		•	•
<b>Wall2Floor Rete</b>		•	•
<b>Wall2Floor Rasal</b>		•	•
2 coats of <b>Wall2Floor Top Coat + Wall2Floor Component B</b>	•	•	•
or			
2 coats of <b>Wall2Floor Top Coat Fine + Wall2Floor Component B</b>	•*	•*	•*
<b>Wall2Floor Patina</b>	•**	•**	•**
<b>Wall2Floor Primer</b>	•	•	•
2 coats of <b>Wall2Floor Clear</b>	•	•	•

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<b>Finish (Matt/Satin/Glossy) (A+B)</b>			
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\*When applying **Wall2Floor Top Coat Fine** do not apply **Wall2Floor Primer**

\*\*If decorating with **Wall2Floor Patina** apply it before applying **Wall2Floor Primer**

You must use either **Wall2Floor Top Coat** or **Wall2Floor Top Coat Fine**

### ENVIRONMENTAL CONDITIONS

Protect the surfaces from freezing and thermal shocks throughout the application. Do not apply when air, substrate or product temperatures are below +10°C or above +35°C, or under direct sunlight or on hot surfaces (even when in shadow), nor on damp or wet surfaces.

The required environmental and substrate conditions for the application of the **Wall2Floor system** are:

- Ambient temperature: Min. +10 °C / Max. +35 °C
- Relative ambient humidity: <75%
- Substrate temperature: Min. +10 °C / Max. +35 °C
- Relative humidity of the substrate: <4%

Failure to observe the conditions listed above may cause flaws or defects in the physical and chemical characteristics of the products and affect the aesthetic performance of the **Wall2Floor system**.

### Ancillary Technical Products:

**Wall2Floor Rete:** an alkali resistant fiberglass mesh with nominal weight between 70-90 ± 5% g/m<sup>2</sup>

The mesh must be incorporated in the first layer without overlapping the ends.

Dimensions: length 50.0 m and width 1.0 m.

### Primers

**Wall2Floor Block:** two-component epoxy steam barrier

Residual humidity: < 5%

Mixing ratio by weight: (100÷60): 3.3 Kg of **Wall2Floor Block Component A** + 2.0 Kg **Wall2Floor Block Component B**.

Preparing the mix: stir **Wall2Floor Block Component A** to incorporate any sediment. Pour **Wall2Floor Block Component B** into **Wall2Floor Block Component A** and mix by hand for approx. 45-60 seconds. You may also choose to use a mechanical stirrer with paddle at slow speed for approx. 1 minute. The final mix will be free of lumps, impurities or unmixed residues of the two components.

Dilution: the product cannot be diluted.

Pot life of mix: approx. 60 minutes

Application equipment: roller.

Application: before applying, place an alkali resistant fiberglass mesh with nominal weight between 70-90 ± 5% g/m<sup>2</sup> on the surface (**Wall2Floor Rete**). Draw the ends close without overlapping. Cover the mesh by applying **Wall2Floor Block** with a roller, making sure to spread the product evenly and over the entire surface.

No. of coats: 1

Coverage rate (referred to A+B mix) 0.300-0.400 Kg/m<sup>2</sup> per coat

Drying time: touch dry after approx. 4-6 hours; over painting possible after 8 hours

**Wall2Floor Block + Wall2Floor Sand:** Tri-component quartz epoxy primer

Mixing ratio by weight: 3.3 Kg of **Wall2Floor Block Component A** + 2.0 Kg **Wall2Floor Block Component B** + 10.75 Kg of **Wall2Floor Sand** (quartz sand 0.3-0.9 mm).

Preparing the mix: stir **Wall2Floor Block Component A** to incorporate any sediment. Pour **Wall2Floor Block Component B** into **Wall2Floor Primer Component A** and mix for approx. 45-60 seconds. Add **Wall2Floor Sand** gradually to the obtained mix while stirring continuously. Use a mechanical spiral stirrer to blend the mix; this operation cannot be performed manually.

Mixing time: about three minutes to a uniform mix. The mix obtained must be uniform and free of lumps.

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**While using, continue to blend the mix manually to prevent sand stratification**

Dilution: the product cannot be diluted.

Pot life of mix: approx. 60 minutes

Application equipment: stainless steel trowel.

Application: apply a layer of the above mixture making sure to cover the mesh. For proper use of the material and not to alter its performance and features, stir the mortar frequently.

No. of coats: 1

Coverage rate (referred to A+B mix + Wall2Floor Sand): 3.6-4.0 Kg/m<sup>2</sup> per coat.

Drying time: touch dry after approx. 6-8 hours; over painting possible after 12 hours

**Skim coats**

**Wall2Floor Easyflat:** Cement-based self-leveling mortar with low shrinkage.

Mixing ratio: use 4 litres of clean water for each 25 kg **Wall2Floor Easyflat**.

Preparing the mix: pour the mixing water into a clean container. Slowly add **Wall2Floor Easyflat** to the water using a mechanical spiral stirrer.

Mixing time: about three minutes to a uniform mix. The mix obtained must be a uniform, thixotropic mortar free of lumps. Stirring cannot be performed manually.

Pot life of mix: approx. 20 minutes

Application equipment: stainless steel trowel.

Application: apply a layer of **Wall2Floor Easyflat**, spread the product evenly and over the entire surface. The product can be applied in thicknesses from 3 mm to 20 mm. Separate the surface in sections for thicknesses greater than 3 mm.

No. of coats: 1

Coverage rate (referred to powder): 2.5-6.8 kg/m<sup>2</sup> for thicknesses of 5 mm, per each coat.

Drying time for thicknesses up to 3 mm: touch dry after approx. 6-8 hours; over painting possible after 12 hours; for thicknesses greater than 3 mm up to 3 days.

**Wall2Floor Epoxy Binder Component A and B + Wall2Floor Rasal:** three-component epoxy-cementitious skim coat

Mixing ratio by weight: 2 parts of **Wall2Floor Epoxy Binder Component A** (1.6 l) + 1 part **Wall2Floor Epoxy Binder Component B** (0.8 l) + 25 Kg of **Wall2Floor Rasal**.

Dilution: the final mix (1.6 l of component A + 0.8 l of component B) must be diluted by adding 2.5 l of water.

Preparing the mix: stir **Wall2Floor Epoxy Binder Component A** to incorporate any sediment. Pour **Wall2Floor Epoxy Binder Component B** into **Wall2Floor Epoxy Binder Component A** and mix for approx. 45-60 seconds. Add **Wall2Floor Rasal** gradually to the obtained mix while stirring continuously. Use a mechanical spiral stirrer to blend the mix; this operation cannot be performed manually.

Mixing time: about three minutes to a uniform mix. The mix obtained must be a uniform, thixotropic mortar free of lumps.

**Periodically blend the mix to prevent the stratification of inert matter.**

Pot life of mix: approx. 60 minutes

Application equipment: stainless steel trowel.

Application: apply a coat of **Wall2Floor Epoxy Binder Component A and B + Wall2Floor Rasal** evenly on the surface.

No. of coats: 1

Coverage rate (referred to A+B mix + Wall2Floor Rasal): 2.0-2.5 Kg/m<sup>2</sup> per coat

Drying time for thicknesses up to 3 mm: touch dry after approx. 6-8 hours; over painting possible after 12 hours.

**Wall2Floor Rasal NF:** preparation cementitious skim coat.

Mixing ratio: use 5-6 litres of clean water for each 25 kg package of **Wall2Floor Rasal**.

Preparing the mix: pour the mixing water into a clean container. Slowly add **Wall2Floor Rasal** to the water using a mechanical spiral stirrer.

Mixing time: about three minutes to a uniform mix. The mix obtained must be a uniform, thixotropic mortar free of lumps. Stirring cannot be performed manually.

Pot life of mix: approx. 120 minutes

Application equipment: stainless steel trowel.

Application on vertical substrates: apply a first coat of **Wall2Floor Rasal** incorporating an alkali resistant fiberglass mesh with nominal weight between  $70-90 \pm 5\% \text{ g/m}^2$  (**Wall2Floor Rete**). Draw the ends close without overlapping. Wait for the surface to dry, usually between 6-8 hours, and then apply a second layer of **Wall2Floor Rasal** with stainless steel trowel to level the surface.

No. of coats: 2

Coverage rate (referred to powder): 0.8-2.5 Kg/m<sup>2</sup> per coat

Drying time: touch dry after approx. 6-8 hours; over painting possible after 8 hours

### Decorative coatings

**Wall2Floor Top Coat:** decorative coating for horizontal and vertical surfaces.

Mixing ratio by weight: 15 Kg of **Wall2Floor Top Coat** + 5 Kg of **Wall2Floor Component B**.

Dilution: it is possible to dilute the final mix by adding up to 5% of water.

Tinting: stir **Wall2Floor Top Coat** before colouring. Tint using the **Mixcolor** colouring system by **Novacolor**.

Mix the colouring agent with **Wall2Floor Top Coat** using a gyroscopic stirrer or a mechanical spiral stirrer.

Preparing the mix: only immediately before applying the product at the job site add to each 15 kg package of **Wall2Floor Top Coat**, a 5 kg package of **Wall2Floor Component B**. The powder component (**Wall2Floor Component B**) must be added gradually and blending performed using a mechanical spiral stirrer. The mixing of the two components cannot be performed manually.

Mixing time: about three minutes to a uniform mix. The mix obtained must be a uniform, thixotropic mortar free of lumps.

Pot life of mix: approx. 120 minutes

Application equipment: stainless steel trowel.

Application: apply a first coat of **Wall2Floor Top Coat**, previously mixed with **Wall2Floor Component B** to smooth the surface. Wait for the surface to dry, usually between 6-8 hours, and then apply a second layer of **Wall2Floor Top Coat**, previously mixed with **Wall2Floor Component B**, and work the surface to obtain the desired aesthetic effect.

No. of coats: 2

Coverage rate (referred to the mix Wall2Floor Top Coat + Wall2Floor Component B): 1.2-1.5 kg/m<sup>2</sup>, on the two coats.

Drying time: touch dry after approx. 6-8 hours; over painting possible after 8 hours

**Wall2Floor Top Coat Fine:** fine decorative coating for internal and external horizontal and vertical surfaces.

Mixing ratio by weight: 15 Kg of **Wall2Floor Top Coat Fine** + 5 Kg of **Wall2Floor Component B**.

Dilution: it is possible to dilute the final mix by adding up to 5% of water.

Tinting: stir **Wall2Floor Top Coat Fine** before colouring. Tint using the **Mixcolor** colouring system by **Novacolor**. Mix the colouring agent with **Wall2Floor Top Coat Fine** using a gyroscopic stirrer or a mechanical spiral stirrer.

Preparing the mix: only immediately before applying the product at the job site add to each 15 kg package of **Wall2Floor Top Coat Fine**, a 5 kg package of **Wall2Floor Component B**. The powder component (**Wall2Floor Component B**) must be added gradually and blending performed using a mechanical spiral stirrer. The mixing of the two components cannot be performed manually.

Mixing time: about three minutes to a uniform mix. The mix obtained must be a uniform, thixotropic mortar free of lumps.

Pot life of mix: approx. 120 minutes

Application equipment: stainless steel trowel.

Application: apply a first coat of **Wall2Floor Top Coat Fine**, previously mixed with **Wall2Floor Component B** to smooth the surface. Wait for the surface to dry, usually between 6-8 hours, and then apply a second layer of **Wall2Floor Top Coat Fine**, previously mixed with **Wall2Floor Component B**, and work the surface to obtain the desired aesthetic effect.

No. of coats: 2

Coverage rate (referred to the mix Wall2Floor Top Coat Fine + Wall2Floor Component B): 1.0-1.2 kg/m<sup>2</sup>, with two coats.

Drying time: touch dry after approx. 6-8 hours; over painting possible after 8 hours

**Wall2Floor Component B:** powder admixture specifically for **Wall2Floor Top Coat** and **Wall2Floor Top Coat Fine**.



### Decorative ancillary products

**Wall2Floor Patina (Gold, Silver, Platino, Opaca):** decorative glaze for internal surfaces

Preparing the product: stir the product manually before use.

Tinting: stir **Wall2Floor Patina** before colouring. Tint using the **Mixcolor** colouring system by **Novacolor**.

Mix using a gyroscopic stirrer.

Dilution: the product is ready to use; do not dilute.

Application equipment: stainless steel trowel, sponge, sponge trowel.

Application: using a stainless steel trowel, sponge, or sponge trowel apply a coat of **Wall2Floor Patina**, working the surface to obtain the desired aesthetic effect.

No. of coats: 1

Coverage rate: 8-15 m<sup>2</sup>/l, with one coat.

Drying time: touch dry after approx. 6-8 hours; over painting possible after 8 hours

### Sealer

**Wall2Floor Primer:** High-penetration two-component epoxy primer

Mixing ratio by weight: 2 parts of component A + 1 part of component B

Preparing the mix: stir Wall2Floor Primer Component A to incorporate any sediment. Pour **Wall2Floor Primer Component B** into **Wall2Floor Primer Component A** and mix by hand for approx. 45-60 seconds.

Dilution: dilute the final mix (0.500 l of component A + 0.250 l of component B) by adding 3 l of water.

Application equipment: mohair roller for spreading; sponge trowel for levelling.

Pot life of mix: approx. 60 minutes

Application: apply a coat of **Wall2Floor Primer** prepared in advance. Spread the product evenly and smoothly over the entire surface, ensuring saturation according to substrate porosity, using a sponge trowel. Throughout each stage of finishing, wait at least 72 hours before applying a coat over the preceding layer.

No. of coats: 1

Coverage rate (referred to A+B mix): 16-21 m<sup>2</sup>/l, with one coat.

Drying time: touch dry after approx. 10-12 hours; over painting possible after 12 hours

### Protections

**Wall2Floor Clear Finish (Matt, Satin, Glossy):** two-component water-based polyurethane finish

Mixing ratio by weight: 10 parts of component A + 3 parts of component B

Preparing the mix: stir **Wall2Floor Clear Finish A** to incorporate any sediment. Pour **Wall2Floor Clear Finish B** into **Wall2Floor Clear Finish A** and mix by hand for approx. 45-60 seconds. You may also choose to use a mechanical stirrer with paddle at slow speed for approx. 1 minute. The final mix will be free of lumps, impurities or unmixed residues of the two components.

Dilution: it is possible to dilute the final mix by adding up to 10% of water.

Before applying each layer of **Wall2Floor Clear Finish** we advise filtering the mix using a cloth or nylon filter or a specific paint filter-funnel with a 40-90 micron mesh.

Pot life of mix: approx. 60 minutes

Application: apply a coat of **Wall2Floor Clear Finish** prepared in advance. Apply two coats of **Wall2Floor Clear Finish** prepared in advance. Spread the product evenly and over the entire surface, avoiding build-up. Be especially careful when applying around corners and edges. Wait for sufficient drying time between one layer and the other.

No. of coats: 2

Coverage rate (referred to A+B mix): 6-7 m<sup>2</sup>/l, with two coats.

Drying time: walkable after at least 24 hours; complete cure: 7 days

### CLEANING THE EQUIPMENT

Clean the equipment immediately after use. For **Wall2Floor Block A** and **B**, **Wall2Floor Block (A+B)** + **Wall2Floor Sand** clean the equipment using a nitro thinner.

For all other products, use water to clean the equipment.

### STORAGE CONDITIONS AND SHELF LIFE

Stability in the original unopened containers, stored under cover and in adequate temperature conditions: 1 year for powder products and two-component products and two years for paste products.

Maximum storage temperature: +35°C

Minimum storage temperature: +5°C.

Technical Specifications: Wall2Floor-Commercial System

Revision No: 04

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## TINTING

Colours are obtainable using the tinting system Mixcolor by Novacolor. It is advisable to use only resistant colouring pastes tested on mineral systems with strongly alkaline pH. **Wall2Floor Top Coat**, **Wall2Floor Top Coat Fine**, and **Wall2Floor Patina Neutra** can be coloured. Regarding **Wall2Floor Top Coat**, this operation must always be carried out before the addition of **Wall2Floor Component B**. It is good practice to always use material from the same manufacturing batch.

## WARNINGS

Prolonged contact with soaps, oils, creams and liquids in general or with wet objects may lead to stains or smudges on the surface where the contact occurs.

Allow at least four weeks' curing before applying to newly-laid concrete substrates.

The product should be used only by personnel with experience in laying floors.

Further details may be found in the **WALL2FLOOR SYSTEM ANNEX** to the technical data sheet.

## PRECAUTIONS

Check the suitability and condition of equipment and personal protective equipment (goggles, gloves, knee pads, etc.).

Do not expose the products to direct heat or temperatures below +5 °C for long periods. If the products are stored at temperatures close to +5°C, we recommend that prior to use they are placed in an area with higher and more appropriate temperatures so that when they are to be used the product temperature will not be below +10 °C. If stored at temperatures below +10° C, place the product in a properly heated room prior to use.

Do not heat the products using a direct source of heat, flame, heat element or similar. Low temperatures increase the pot viscosity making the mix difficult to use and lengthening or inhibiting the drying and hardening process of the various products.

If the **Wall2Floor system** is to be applied on both vertical and horizontal surfaces in the same environment, we recommend applying the system firstly to vertical surfaces and then to the horizontal surfaces.

Through all the phases of application of the **Wall2Floor system**, adhesive tape must only be removed once the hardening of each layer is complete.

It is advisable to finish each work with material from the same production batch. If using different production batches it is advisable to mix the various mixes in order to avoid slight differences in hues. For jobs where the use of different production batches is unavoidable, do not apply one colour directly alongside the other. Change the batch where there are breaks in the surfaces, such as mouldings, corners, expansion joints and so on.

Ensure that a correct quantity of product is applied, especially where there are corners, sharp edges, steps or risers. It is advisable to protect corners, sharp edges, steps and risers, with suitable edge protection. Consider using concealed edge protections, which will be embedded into the layers of **Wall2Floor Rasal** and **Wall2Floor Top Coat**.

Pay particular attention when applying the product inside shower stalls or on other surfaces exposed to contact with water. Do not leave pools of water in prolonged contact with the surface.

Edge protections available on the market can be glued on the finished surface to provide additional protection especially on edges and corners.

It is good practice to always use new or thoroughly cleaned equipment; if necessary replace tools after each application cycle.

### Important notes:

**The Wall2Floor is applied on site. During the application phases, marks left by the laying equipment (rollers, trowels, etc.) and the typical effects contributing to the decoration of the surface may be visible. It is advisable to take the necessary precautions to prevent that dust, insects or other materials, carried in accidentally, for example by the wind, remain embedded into the surface. It should not be forgotten that any material is subject to wear and tear and therefore to scratches. Pay particular attention when applying the product inside shower stalls or on other surfaces exposed to contact with water.**

**In shower stalls that have no ceramic pan, create a slope to allow water to drain. The construction of a shower pan must be designed during renovation or construction so as to include adequate waterproofing treatment. Do not leave pools of water in prolonged contact with the surface. Prolonged contact with soaps, oils, creams and liquids in general or with wet objects may lead to stains or smudges on the surface where the contact occurs.**

#### **CLEANING AND MAINTENANCE OF SURFACES**

Do not clean the surface for the first time until the coating has hardened, generally, after a period of at least **7 days** (calculated at an average temperature of 25 °C and humidity of 60%). In general, surfaces coated with the **Wall2Floor system** can be washed with non-aggressive (neutral) detergents in cold or moderately warm water (never wash with temperatures above 40 °C to avoid thermal shocks and avoid steam cleaning). Do not use brushing machines that might affect and alter performance and aesthetic effect.

For the same reasons, do not use **strongly alkaline or acidic descaling products** that may compromise the surface coated with the **Wall2Floor system**.

The surfaces exhibit good resistance to a wide variety of substances commonly used in the home and professionally.

It is advisable to avoid prolonged contact with possibly aggressive substances by removing them quickly and cleaning with water to avoid possible corrosion of the surface of Wall2Floor.

**Avoid** prolonged contact with lemon coffee, lemon juice, tea, vinegar, tomato juice, descaling products and strongly alkaline or acidic detergents in general.

Sand and clean before performing maintenance of the surface layer. It is advisable to reapply the same finish following the instructions detailed above.

Maintenance, particularly if concentrated on a specific portion of the surface, may be visible.

#### **SAFETY**

**Irritant / risk of serious damage to eyes / skin irritant / keep out of the reach of children / avoid contact with eyes / in case of contact with eyes, rinse immediately with plenty of water and seek medical advice / wear suitable gloves and protect eyes / face / do not breathe dust / if swallowed, seek medical advice immediately and show this container or label.**

**The product must be transported, used and stored in accordance with current legislation concerning health and safety; let residues dry out completely and treat them as special waste.**

**For further information, consult the MSDS.**

N.B. COLORIFICIO NOVACOLOR guarantees that the information herein is provided to the best of its experience and its technical and scientific knowledge; however, it cannot assume any responsibility for the results obtained using these products since the conditions of application are beyond its control. We recommend that you always check the suitability of the product to each specific use. This current edition supersedes all previous information sheets.

# Wall2Floor Athena

Base coat for perfect adherence on ceramic coatings

## DESCRIPTION OF THE PRODUCT

**Wall2Floor Athena** is made of acrylic water-based polymers and selected additives which gives to the product an excellent adherence on smooth surfaces such as tiles, grès, mosaics or similar.

## USES

It can be applied on difficult surfaces:

- Tiles
- Grès
- Mosaics

## IDENTIFICATION FEATURES

Density: 1,40 +/- 0,05 g/l

Viscosity (packaging): 7800 +/- 500 cps at 25°C

Drying process (at 25°C and 65% of humidity): to the touch 1 hour; it can be painted over after at least 8 hours, and no later than 48 hours.

## PERFORMANCES

**Wall2Floor Athena** is a base coat which grants a perfect link with the surface that must be covered with **Wall2Floor Rasal**, creating in this way a suitable surface for the application of the "**Wall2Floor System**".

## SUBSTRATE PREPARATION

See the technical data sheet of the "**Wall2Floor System**".

## APPLICATION TECHNIQUE

On dry and clean surface, apply one coat of **Wall2Floor Athena** with roller.

For further details, please check the technical data sheet of the "**Wall2Floor System**".

## RECCOMENDATIONS

Keep the product protected from intense cold and from sudden changes of temperatures during the application cycle.

Do not apply with air temperature lower than +5°C and higher than +35° C. or under direct sunlight or on hot surfaces (even if already in shadow). If stored to as temperature close to +5°C, it is suggested to keep the product in an area with a temperature not lower than 10°C.

Do not heat the products using a direct source of heat, flame, hot body or similar. Low temperatures increase the viscosity in the bucket making it difficult to use and extend or inhibit the drying and hardening process of the various products.

Maximum storage temperature: +30° C

Minimum storage temperature: +10° C

If possible, use the same batch of production.

If different batches of production are used, it is recommended to mix them in order to avoid slight different shades.

For the correct use, dilution and application of the products here mentioned, consult their respective technical data sheets.

During the preparation of the substrate and application of the products, it is recommended the correct use of tools and individual protective devices (dpi).

## DILUTION

The product is ready for use. Maximum dilution: 10%.  
Shake the product before the use.

## TOOLS CLEANING

With water immediately after their use.

## YIELD

**Wall2Floor Athena**: 15-20 m<sup>2</sup>/l for each layer, depending on the kind of substrate.

## COLOURS

White. It cannot be tinted.

## PACKAGES

5 l., 15l. cans.

## SHELF LIFE

The packaged product is guaranteed for 24 months, if stored in the original sealed package and at temperatures between +10°C and +30°C.

## SECURITY PROCEDURES

EU Directive 2004/42/CE:

Cat. I: mono-component paints with high performances (water-based): 140 g/l (2010).

**Wall2Floor Athena** contains maximum 140 g/l of COV.

The product does not require labeling in accordance with the regulations in force.

Use the product according to current standards of hygiene and safety. Do not empty into drains, water courses or onto the ground; after use do not litter containers, allow the residue to dry and treat them as special waste. Keep out from children presence. If swallowed, seek medical advice immediately and show this container or label.

For more information see the safety data sheet.

*N.B.- NOVACOLOR guarantees that the information herein is provided to the best of its technical and scientific knowledge and based on its experience; nonetheless, the company may not be held liable for the results obtained using these products, as application conditions are beyond its control. It is recommended to always make sure that the product is suited to each specific instance. The present sheet voids and replaces any previously existing sheets.*

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# Wall2Floor Detergent

Detergent for indoor surfaces in Wall2Floor.

## DESCRIPTION

**Wall2Floor Detergent** is a detergent for daily cleaning of seamless flooring and surfaces created using the **Wall2Floor system**.

**Wall2Floor Detergent** cleans and degreases the surfaces leaving a fresh and delicate scent. It does not alter or damage the treatment and surfaces in **Wall2Floor**.

**Wall2Floor Detergent** is easy to use, does not leave rings and, in the recommended dilutions, does not require rinsing.

## USES

**Wall2Floor Detergent** is particularly indicated for daily cleaning of seamless coatings on horizontal substrates.

## IDENTIFICATION FEATURES

Composition: mix of surfactants in water-based solution.

Density:

**Wall2Floor Detergent:** 1.00 +/- 0.05 g/ml

## DILUTION

**Wall2Floor Detergent:**

Diluted 1:50 with water for everyday cleaning

Diluted 1:20 with water for periodic degreasing washes

As is or diluted 1:2 with water for strong degreasing washes

## WARNINGS

Adequately shake the material before dilution and use.

Wait at least 7 days setting time before carrying out normal cleaning operations

## HOW TO USE

Manually distribute on the surface to treat, with a micro-fibre cloth soaked in **Wall2Floor Detergent** and rub continuously.

In the dilution conditions indicated, the treated surface does not require rinsing. If rinsing is necessary of the surface, use lukewarm water, with the methods previously described. Repeat the operation until all residue has been removed.

## RECOMMENDATIONS

During all the phases to prepare the substrate, the products and application, you are advised to correctly use the equipment and personal protective equipment (PPE).

Do not expose the products for long periods to direct sources of heat or temperatures under +5°C.

If storing products at a temperature around +5°C, you are advised to bring them, before use, to a location with adequate temperature, to condition them at a use temperature not under +10°C. Don't heat the products using a direct source of heat, flame, warm body or similar.

## CLEANING EQUIPMENT

Rinse with water.

## COLOURS

**Wall2Floor Detergent** blue liquid, cannot be tinted.

## PACKAGING

1 l packaging.

## SHELF LIFE

The product should preferably be used within 12 months of the production date if kept in the original containers unopened and in adequate temperature conditions.

The product does not require labelling pursuant to legislation in force.

Use the product according to hygiene and safety standards in force. Do not throw residue in sewers, in rivers and streams and on the ground; after use, do not dispose of the containers in the environment, leave the residue to dry well and treat as special waste. Keep out of reach of children. If ingested, consult a doctor immediately.

For further information, consult the safety data sheet.

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# Wall2Floor hydro-oleo repellent

## Hydro-oleo repellent to restore indoor surfaces in Wall2Floor.

### DESCRIPTION

**Wall2Floor Sealer hydro-oleo repellent** is a protective coat/sealant against water for indoors, which creates a non-film forming barrier against the passage of water and various oily substances, without considerably altering the appearance of the surface.

**Wall2Floor Sealer hydro-oleo repellent** is composed of a mix of fluorocarbon-based polymers and rheological additives for the restoration of indoor surfaces of the **Wall2Floor systems**.

**Wall2Floor Sealer hydro-oleo repellent** can be applied to restore the surface protection from dirt and scratches deriving from everyday use following wear of the protective film.

### USES

Applicable on horizontal and vertical indoor surfaces, coated with **Wall2Floor system**.

**Wall2Floor Sealer hydro-oleo repellent must be applied as a last coat, over at least two coats of one of the Clear Finish protective finishes (Glossy, Satin, Matt, Countertop, Countertop Ultra Matt).**

### IDENTIFICATION FEATURES

Binder nature: acrylic polymer in emulsion

Density:

**Wall2Floor hydro-oleo repellent:** 1.00 +/- 0.05 g/ml

Drying (at 25 °C and 65% R.U.): to touch in 2 hours; treadable after 24 hours.

### DILUTION

**Wall2Floor Sealer hydro-oleo repellent:** ready to use.

### WARNINGS

Mix the material adequately before laying.

Do not apply on damp substrates.

After application, the surface must not come in contact with any type of liquid for at least 24 hours. The first cleaning operations must be carried out after hardening, in general after at least **1-2 days** (calculated at an average temperature of 25°C and with 60% humidity).

Avoid highly abrasive products for cleaning and do not use steam cleaners and brushing machines.

### ENVIRONMENTAL CONDITIONS

The surfaces must be protected from frost and drastic changes in temperature during the entire operating cycle. Do not apply with the temperature of the air, substrate and product under +10° C or over +35° C, or in direct sunlight or on a heated surface (even if already in the shade) or on damp or wet surfaces.

The conditions of the environment and the substrate to proceed with application of **Wall2Floor Sealer hydro-oleo repellent** are:

Environmental temperature: Min. +10 °C / Max. +35 °C

Environmental relative humidity: <75%

Substrate temperature: Min. +10 °C / Max. +35 °C

Substrate relative humidity: <4%

Application in different conditions to those described could cause deformity or defects in the chemical-physical properties and aesthetic appearance of **Wall2Floor Sealer hydro-oleo repellent**.

### SUBSTRATE PREPARATION

The surface must be clean and dry, consistent and compact, dust-free and free of salt stains caused by humidity.

Consult the technical data sheet for the "**Wall2Floor System**".

### APPLICATION

On the clean and dry substrate, distribute excess **Wall2Floor hydro-oleo repellent** with a wax applicator or cloth. Wait a few minutes to allow the product to penetrate the surface and remove any excess. As necessary, application is possible of a second wet on wet coat, following the previously described methods.

### RECOMMENDATIONS

During all the phases to prepare the substrate, the products and application, you are advised to correctly use the equipment and personal protective equipment (PPE).

Do not expose the products for long periods to direct sources of heat or temperatures under +5°C.

If storing products at a temperature around +5°C, you are advised to bring them, before use, to a location with adequate temperature, to condition them at a use temperature not under +10°C. Don't heat the products using a direct source of heat, flame, warm body or similar.

### CLEANING EQUIPMENT

With water, immediately after use.

### YIELD

**Wall2Floor hydro-oleo repellent:** 4-8 m<sup>2</sup>/l per single coat, based on the type of substrate and its absorption rate. It is advisable to determine the real yield with a preliminary test on the specific substrate.

### COLOURS

Colourless, cannot be tinted.

### PACKAGING

1 l packaging.

### SHELF LIFE

The product should preferably be used within 1 year of the production date if kept in the original containers unopened and in adequate temperature conditions.

The product does not require labelling pursuant to legislation in force.

Use the product according to hygiene and safety standards in force. Do not throw residue in sewers, in rivers and streams and on the ground; after use, do not dispose of the containers in the environment, leave the residue to dry well and treat as special waste. Keep out of reach of children. If ingested, consult a doctor immediately.

For further information, consult the safety data sheet.

Technical data sheet: Wall2Floor hydro-oleo repellent

Review no.: 01

Date compiled: 14-11-2018

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N.B.- COLORIFICIO NOVACOLOR guarantees the information in this data sheet is provided to the best of its experience and technical and scientific knowledge; nonetheless, the company cannot be held liable for the results obtained using these products, as application conditions are beyond its control. You are advised to always ensure the product is suited to each specific case. This data sheet voids and replaces any previously existing data sheet.

Technical data sheet: Wall2Floor hydro-oleo repellent  
Review no.: 01  
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# Wall2Floor Urban system

Seamless system for the decoration of walls and floors.

## DESCRIPTION

**Wall2Floor Urban** is a mineral coating for the decoration of horizontal and vertical internal surfaces. It is a fast and easy-to-use multilayer system that allows to achieve seamless continuous finishes, according to the latest trends in architecture.

The **Wall2Floor Urban system** allows to effect decorative work even in the area of restructuration of horizontal and vertical surfaces, while overlapping the existing finishes.

To meet the various aesthetic and technical requirements, in the **Wall2Floor Urban** system two different decorative coatings **Wall2Floor Top Coat** and **Wall2Floor Top Coat Fine** can be used.

With a simple layer, Wall2Floor Patina allows, to obtain a strong aesthetic customization of the surfaces.

The final protection provided by the finish **Wall2Floor Clear Finish** ensures a high resistance to domestic pedestrian traffic, water and substances normally found in houses.

## APPLICATIONS

The **Wall2Floor Urban** offers a perfect decorative system for residential and commercial needs, such as apartments, boutiques, and shops. The various solutions offered, specific for each intended use can meet the needs of a variety of areas of application.

The **Wall2Floor NF system** can be applied to:

- Concrete.
- Screeds (traditional cement screeds, heated or floating screeds, etc.).
- Surfaces covered with ceramic, porcelain and mosaic tiling.
- Surfaces with existing epoxy or polyurethane coatings.
- Surfaces in natural and rebuilt stone.
- Mineral conglomerates of various kinds, provided they are absorbent.
- New and old plasters based on hydraulic binders.
- Organic or mineral decorative coatings.
- Surfaces in plaster and plasterboard (only vertical).

## Requirements:

Surfaces must be clean, dry and compact and free from flaking, salt bloom or damp, wax, oil and dust.

When applying to heated screeds, ensure that all necessary tests have been completed before the application of the **Wall2Floor system** to avoid the formation of condensation, cracks or lesions on the surface, which are in no way connected to the application of the **Wall2Floor system**.

In shower stalls that have no ceramic pan, create a slope to allow water to drain.

**Dynamic joints must remain free to absorb any structural movement that may occur; they must not be joined or covered for any reason.**

## UNSUITABLE SUBSTRATES

The **Wall2Floor system** cannot be applied to forkliftable surfaces, horizontal or vertical substrates that do not offer the necessary guarantees in terms of bonding and dimensional stability.

The following substrates are not suitable:

- Forkliftable surfaces
- Wooden flooring
- Linoleum.
- Pre-finished wooden flooring.
- Painted and unpainted metal surfaces.
- Glass surfaces or concrete and glass blocks.
- Moist surfaces or surfaces with rising damp.

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- Do not apply to bathroom fittings or other substrates where water may collect.

## PREPARATION AND APPLICATION OF PRODUCTS OF THE WALL2FLOOR SYSTEM

### Horizontal surfaces

	TRADITIONAL SCREEDS, CONCRETE, MINERAL CONGLOMERATES	SURFACES COVERED WITH CERAMIC TILING, IN NATURAL AND REBUILT STONE; SURFACES WITH EPOXY OR POLYURETHANE COATINGS	NON-PLANAR ABSORBENT MINERAL SURFACES
<b>Decofix</b>	●		●
<b>Wall2Floor Athena</b>		●	
<b>Wall2Floor Easyflat</b>			●
<b>Wall2Floor Rasal</b>	●	●	
<b>Wall2Floor Rete</b>	●	●	
<b>Wall2Floor Rasal</b>	●	●	
2 Coats of <b>Wall2Floor Top Coat + Wall2Floor Componente B</b>  or  2 coats of <b>Wall2Floor Top Coat Fine + Wall2Floor Componente B</b>	●  ●*	●  ●*	●  ●*
<b>Wall2Floor Patina</b>	●**	●**	●**
<b>Wall2Floor Primer</b>	●	●	●
<b>Mineral Sealer</b>	●*	●*	●*
2 coats of <b>Wall2Floor Clear Finish (Matt/Satin/Glossy) (A+B)</b>	●	●	●
<b>Clear Finish Anti-Slip (A+B)</b>	●***	●***	●***

\*When applying **Wall2Floor Top Coat Fine** apply **Mineral Sealer**

\*\*If decorating with **Wall2Floor Patina** apply it before applying **Wall2Floor Primer**

You must use either **Wall2Floor Top Coat** or **Wall2Floor Top Coat Fine**

\*\*\* **Clear Finish Anti-Slip** is a technical product with anti-slip properties. The application of one layer of **Clear Finish Anti-Slip** permits to achieve a coefficient of slip-resistance, as reported in the specific technical data sheet.

## PREPARATION AND APPLICATION OF PRODUCTS OF THE WALL2FLOOR SYSTEM

### Vertical Surfaces

	TRADITIONAL SCREEDS, CONCRETE, MINERAL CONGLOMERATES	SURFACES COVERED WITH CERAMIC TILING, IN NATURAL AND REBUILT STONE; SURFACES WITH EPOXY OR POLYURETHANE COATINGS	NON-PLANAR ABSORBENT MINERAL SURFACES
<b>Decofix</b>	●		●
<b>Wall2Floor Athena</b>		●	
<b>Wall2Floor Rasal</b>		●	●
<b>Wall2Floor Rete</b>		●	●
<b>Wall2Floor Rasal</b>		●	●
2 coats of <b>Wall2Floor Top Coat + Wall2Floor Componente B</b>  or  2 coats of <b>Wall2Floor Top Coat Fine + Wall2Floor Componente B</b>	●	●	●
	●*	●*	●*
<b>Wall2Floor Patina</b>	●**	●**	●**
<b>Wall2Floor Primer</b>	●	●	●
<b>Mineral Sealer</b>	●*	●*	●*
2 coats of <b>Wall2Floor Clear Finish (Matt/Satin/Glossy) (A+B)</b>	●	●	●

\*When applying **Wall2Floor Top Coat Fine** apply **Mineral Sealer**

\*\*If decorating with **Wall2Floor Patina** apply it before applying **Wall2Floor Primer**

You must use either **Wall2Floor Top Coat** or **Wall2Floor Top Coat Fine**

### ENVIRONMENTAL CONDITIONS

Protect the surfaces from freezing and thermal shocks throughout the application. Do not apply when air, substrate or product temperatures are below +10°C or above +35°C, or under direct sunlight or on hot surfaces (even when in shadow), nor on damp or wet surfaces.

The required environmental and substrate conditions for the application of the **Wall2Floor system** are:

- Ambient temperature: Min. +10 °C / Max. +35 °C
- Relative ambient humidity: <75%
- Substrate temperature: Min. +10 °C / Max. +35 °C
- Relative humidity of the substrate: <4%

Failure to observe the conditions listed above may cause flaws or defects in the physical and chemical characteristics of the products and affect the aesthetic performance of the **Wall2Floor system**.

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### Sealers

**Decofix:** waterbased micro emulsion fixative

Product preparation: dilute the product with clean water. The dilution depends on the type of surface to cover.

On gypsum and plasterboards: dilute from 50% to 100%.

On plasters, levelling products for thermal insulating system and on chalky walls and old paints: from 100% to 200% with water.

On concrete surfaces: from 200 % to 300% with water.

Application equipment: roller, brush.

Application: spread the product evenly and over the entire surface.

No. of coats: 1

Coverage: 8-18 m<sup>2</sup>/l, per each coat, depending on the type of surface and its absorption

Drying time: touch dry after around 2-4 hours; over painting possible after 4 hours

**Wall2Floor Athena:** fixative based on acrylic polymers in aqueous dispersion specific for non-absorbent surfaces

Product preparation: Shake the product before the use.

Dilution: ready to use, do not dilute.

Application equipment: roller, brush.

Application: Spread the product evenly and over the entire surface paying attention to joints, corners and edges.

No. of coats: 1

Coverage: 15-20 m<sup>2</sup>/l, per each coat, depending on the type of surface.

Drying time: touch dry after around 4-6 hours; over painting possible after 8 hours

### **Skim coats**

**Wall2Floor Easyflat:** Cement-based self-leveling mortar with low shrinkage.

Mixing ratio: use 4 litres of clean water for each 25 kg **Wall2Floor Easyflat**.

Preparing the mix: pour the mixing water into a clean container. Slowly add **Wall2Floor Easyflat** to the water using a mechanical spiral stirrer.

Mixing time: about three minutes to a uniform mix. The mix obtained must be a uniform, thixotropic mortar free of lumps. Stirring cannot be performed manually.

Pot life of mix: approx. 20 minutes

Application equipment: stainless steel trowel.

Application: apply a layer of **Wall2Floor Easyflat**, spread the product evenly and over the entire surface.

The product can be applied in thicknesses from 3 mm to 20 mm. Separate the surface in sections for thicknesses greater than 3 mm.

No. of coats: 1

Coverage rate (referred to powder): 2.5-6.8 kg/m<sup>2</sup> for thicknesses of 5 mm, per each coat.

Drying time for thicknesses up to 3 mm: touch dry after approx. 6-8 hours; over painting possible after 12 hours; for thicknesses greater than 3 mm up to 3 days.

**Wall2Floor Rasal:** preparation cementitious skim coat.

Mixing ratio: use 5-6 litres of clean water for each 25 kg package of **Wall2Floor Rasal**.

Preparing the mix: pour the mixing water into a clean container. Slowly add **Wall2Floor Rasal** to the water using a mechanical spiral stirrer.

Mixing time: about three minutes to a uniform mix. The mix obtained must be a uniform, thixotropic mortar free of lumps. Stirring cannot be performed manually.

Pot life of mix: approx. 120 minutes

Application equipment: stainless steel trowel.

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**Application:** apply a first coat of **Wall2Floor Rasal** incorporating an alkali resistant fiberglass mesh with nominal weight between 70-90 ± 5% g/m<sup>2</sup> (**Wall2Floor Rete**). Draw the ends close without overlapping. Wait for the surface to dry, usually between 6-8 hours, and then apply a second layer of **Wall2Floor Rasal** with stainless steel trowel to level the surface.

**N° of coats:** 2

**Coverage rate (referred to powder):** 0.8-1.3 Kg/m<sup>2</sup> per coat

**Drying time:** touch dry after approx. 6-8 hours; over painting possible after 8 hours

#### Ancillary Technical Products:

**Wall2Floor Rete:** an alkali resistant fiberglass mesh with nominal weight between 70-90 ± 5% g/m<sup>2</sup>. The mesh must be incorporated in the first layer without overlapping the ends.  
Dimensions: length 50.0 m and width 1.0 m.

#### Decorative coatings

**Wall2Floor Top Coat:** decorative coating for horizontal and vertical surfaces.

Mixing ratio by weight: 15 Kg of **Wall2Floor Top Coat** + 5 Kg of **Wall2Floor Component B**.

Dilution: it is possible to dilute the final mix by adding up to 5% of water.

Tinting: stir **Wall2Floor Top Coat** before colouring. Tint using the **Mixcolor** colouring system by **Novacolor**.

Mix the colouring agent with **Wall2Floor Top Coat** using a gyroscopic stirrer or a mechanical spiral stirrer.

Preparing the mix: only immediately before applying the product at the job site add to each 15 kg package of **Wall2Floor Top Coat**, a 5 kg package of **Wall2Floor Component B**. The powder component (**Wall2Floor Component B**) must be added gradually and blending performed using a mechanical spiral stirrer. The mixing of the two components cannot be performed manually.

Mixing time: about three minutes to a uniform mix. The mix obtained must be a uniform, thixotropic mortar free of lumps.

Pot life of mix: approx. 120 minutes

Application equipment: stainless steel trowel.

Application: apply a first coat of **Wall2Floor Top Coat**, previously mixed with **Wall2Floor Component B** to smooth the surface. Wait for the surface to dry, usually between 6-8 hours, and then apply a second layer of **Wall2Floor Top Coat**, previously mixed with **Wall2Floor Component B**, and work the surface to obtain the desired aesthetic effect.

No. of coats: 2

Coverage rate (referred to the mix Wall2Floor Top Coat + Wall2Floor Component B): 1.2-1.5 kg/m<sup>2</sup>, on the two coats.

Drying time: touch dry after approx. 6-8 hours; over painting possible after 8 hours

**Wall2Floor Top Coat Fine:** fine decorative coating for internal and external horizontal and vertical surfaces.

Mixing ratio by weight: 15 Kg of **Wall2Floor Top Coat Fine** + 5 Kg of **Wall2Floor Component B**.

Dilution: it is possible to dilute the final mix by adding up to 5% of water.

Tinting: stir **Wall2Floor Top Coat Fine** before colouring. Tint using the **Mixcolor** colouring system by

**Novacolor**. Mix the colouring agent with **Wall2Floor Top Coat Fine** using a gyroscopic stirrer or a mechanical spiral stirrer.

Preparing the mix: only immediately before applying the product at the job site add to each 15 kg package of **Wall2Floor Top Coat Fine**, a 5 kg package of **Wall2Floor Component B**. The powder component (**Wall2Floor Component B**) must be added gradually and blending performed using a mechanical spiral stirrer. The mixing of the two components cannot be performed manually.

Mixing time: about three minutes to a uniform mix. The mix obtained must be a uniform, thixotropic mortar free of lumps.

Pot life of mix: approx. 120 minutes

Application equipment: stainless steel trowel.

Application: apply a first coat of **Wall2Floor Top Coat Fine**, previously mixed with **Wall2Floor Component B** to smooth the surface. Wait for the surface to dry, usually between 6-8 hours, and then apply a second



layer of **Wall2Floor Top Coat Fine**, previously mixed with **Wall2Floor Component B**, and work the surface to obtain the desired aesthetic effect.

No. of coats: 2

Coverage rate (referred to the mix Wall2Floor Top Coat Fine + Wall2Floor Component B): 1.0-1.2 kg/m<sup>2</sup>, with two coats.

Drying time: touch dry after approx. 6-8 hours; over painting possible after 8 hours

**Wall2Floor Component B:** powder admixture specifically for **Wall2Floor Top Coat** and **Wall2Floor Top Coat Fine**.

### Decorative ancillary products

**Wall2Floor Patina (Gold, Silver, Platino, Opaca):** decorative glaze for internal surfaces

Preparing the product: stir the product manually before use.

Tinting: stir **Wall2Floor Patina** before colouring. Tint using the **Mixcolor** colouring system by **Novacolor**.

Mix using a gyroscopic stirrer.

Dilution: the product is ready to use; do not dilute.

Application equipment: stainless steel trowel, sponge, sponge trowel.

Application: using a stainless steel trowel, sponge, or sponge trowel apply a coat of **Wall2Floor Patina**, working the surface to obtain the desired aesthetic effect.

No. of coats: 1

Coverage rate: 8-15 m<sup>2</sup>/l, with one coat.

Drying time: touch dry after approx. 6-8 hours; over painting possible after 8 hours

### Sealer

**Wall2Floor Primer:** High-penetration two-component epoxy primer

Mixing ratio by weight: 2 parts of component A + 1 part of component B

Preparing the mix: stir Wall2Floor Primer Component A to incorporate any sediment. Pour **Wall2Floor Primer Component B** into **Wall2Floor Primer Component A** and mix by hand for approx. 45-60 seconds.

Dilution: dilute the final mix (0.500 l of component A + 0.250 l of component B) by adding 3 l of water.

Application equipment: mohair roller for spreading; sponge trowel for levelling.

Pot life of mix: approx. 60 minutes

Application: apply a coat of **Wall2Floor Primer** prepared in advance. Spread the product evenly and smoothly over the entire surface, ensuring saturation according to substrate porosity, using a sponge trowel. Throughout each stage of finishing, wait at least 72 hours before applying a coat over the preceding layer.

No. of coats: 1

Coverage rate (referred to A+B mix): 16-21 m<sup>2</sup>/l, with one coat.

Drying time: touch dry after approx. 10-12 hours; over painting possible after 12 hours

**Mineral Sealer:** two-component epoxy primer

Mixing ratio by weight: 10 parts of component A + 7 parts of component B

Preparing the mix: stir **Mineral Sealer A** to incorporate any sediment. Pour **Mineral Sealer B** into **Mineral Sealer A** and mix by hand for approx. 45-60 seconds.

Dilution: dilute the final mix (0.500 l of component A + 0.350 l of component B) by adding 2,5 l of water.

Application equipment: brush; sponge trowel for levelling.

Pot life of mix: approx. 60 minutes. Do not add extra water to increase the pot life.

Application: apply a coat of **Mineral Sealer** prepared in advance. Spread the product evenly and smoothly over the entire surface, ensuring saturation according to substrate porosity, using a sponge trowel. Throughout each stage of finishing, wait at least 72 hours before applying a coat over the preceding layer.

No. of coats: 1

Coverage rate (referred to A+B mix): 8-12 m<sup>2</sup>/l, with one coat.

Drying time: touch dry after approx. 10-12 hours; over painting possible after 12 hours

### Protections

**Clear Finish Bi-Component (Matt, Satin, Glossy):** two-component water-based polyurethane finish

Mixing ratio by weight: 10 parts of component A + 3 parts of component B

Preparing the mix: stir **Clear Finish A** to incorporate any sediment. Pour **Clear Finish B** into **Clear Finish A** and mix by hand for approx. 45-60 seconds. You may also choose to use a mechanical stirrer with paddle at slow speed for approx. 1 minute. The final mix will be free of lumps, impurities or unmixed residues of the two components.

Dilution: it is possible to dilute the final mix by adding up to 10% of water.

Before applying each layer of **Clear Finish Bi-Component** we advise filtering the mix using a cloth or nylon filter or a specific paint filter-funnel with a 40-90 micron mesh.

Pot life of mix: approx. 60 minutes

Application: apply a coat of **Clear Finish Bi-Component** prepared in advance. Apply two coats of **Clear Finish Bi-Component** prepared in advance. Spread the product evenly and over the entire surface, avoiding build-up.

Be especially careful when applying around corners and edges. Wait for sufficient drying time between one layer and the other.

No. of coats: 2

Coverage rate (referred to A+B mix) 6-7 m<sup>2</sup>/l, with two coats.

Drying time: walkable after at least 24 hours; complete cure: 7 days

**Clear Finish Anti-Slip:** two-component water-based polyurethane protection

Mixing ratio by weight: 100 parts of component A + 25 parts of component B

Preparing the mix: stir **Clear Finish Anti-Slip A** to incorporate any sediment. Pour **Clear Finish Anti-Slip B** into **Clear Finish Anti-Slip A** and mix by hand for approx. 45-60 seconds. You may also choose to use a mechanical stirrer with paddle at slow speed for approx. 1 minute. The final mix will be free of lumps, impurities or unmixed residues of the two components.

Dilution: it is possible to dilute the final mix by adding up to 10% of water.

Before applying each layer of **Clear Finish Anti-Slip** we advise filtering the mix using a cloth or nylon filter or a specific paint filter-funnel with a 40-90 micron mesh.

Tools: medium hair roller

Pot life of mix: approx. 60 minutes

Application: apply one layer of **Clear Finish Anti-Slip** prepared in advance. Spread the product evenly and over the entire surface, avoiding build-up. Be especially careful when applying around corners and edges. Wait for sufficient drying time between one layer and the other.

No. of coats: 1

Coverage rate (referred to A+B mix) 10-14 m<sup>2</sup>/l, for each layer.

Drying time: walkable after at least 24 hours; complete cure: 7 days

### CLEANING THE EQUIPMENT

For all other products, use water to clean the equipment immediately after usage

### STORAGE CONDITIONS AND SHELF LIFE

Stability in the original unopened containers, stored under cover and in adequate temperature conditions: 1 year for powder products and two-component products and two years for paste products.

Maximum storage temperature: +35°C

Minimum storage temperature: +5°C.

### TINTING

Colours are obtainable using the tinting system **Mixcolor by Novacolor**. It is advisable to use only resistant colouring pastes tested on mineral systems with strongly alkaline pH. **Wall2Floor Top Coat, Wall2Floor**

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**Top Coat Fine**, and **Wall2Floor Patina Neutra** can be coloured. Regarding **Wall2Floor Top Coat**, this operation must always be carried out before the addition of **Wall2Floor Component B**. It is good practice to always use material from the same manufacturing batch.

## WARNINGS

Prolonged contact with soaps, oils, creams and liquids in general or with wet objects may lead to stains or smudges on the surface where the contact occurs.

Allow at least four weeks' curing before applying to newly-laid concrete substrates.

The product should be used only by personnel with experience in laying floors.

Further details may be found in the **WALL2FLOOR SYSTEM ANNEX** to the technical data sheet.

## PRECAUTIONS

Check the suitability and condition of equipment and personal protective equipment (goggles, gloves, knee pads, etc.).

Do not expose the products to direct heat or temperatures below +5 °C for long periods. If the products are stored at temperatures close to +5°C, we recommend that prior to use they are placed in an area with higher and more appropriate temperatures so that when they are to be used the product temperature will not be below +10 °C. If stored at temperatures below +10° C, place the product in a properly heated room prior to use.

Do not heat the products using a direct source of heat, flame, heat element or similar. Low temperatures increase the pot viscosity making the mix difficult to use and lengthening or inhibiting the drying and hardening process of the various products.

If the **Wall2Floor system** is to be applied on both vertical and horizontal surfaces in the same environment, we recommend applying the system firstly to vertical surfaces and then to the horizontal surfaces.

Through all the phases of application of the **Wall2Floor system**, adhesive tape must only be removed once the hardening of each layer is complete.

It is advisable to finish each work with material from the same production batch. If using different production batches it is advisable to mix the various mixes in order to avoid slight differences in hues. For jobs where the use of different production batches is unavoidable, do not apply one colour directly alongside the other. Change the batch where there are breaks in the surfaces, such as mouldings, corners, expansion joints and so on.

Ensure that a correct quantity of product is applied, especially where there are corners, sharp edges, steps or risers. It is advisable to protect corners, sharp edges, steps and risers, with suitable edge protection. Consider using concealed edge protections, which will be embedded into the layers of **Wall2Floor Rasal** and **Wall2Floor Top Coat**.

Pay particular attention when applying the product inside shower stalls or on other surfaces exposed to contact with water. Do not leave pools of water in prolonged contact with the surface.

Edge protections available on the market can be glued on the finished surface to provide additional protection especially on edges and corners.

It is good practice to always use new or thoroughly cleaned equipment; if necessary replace tools after each application cycle.

## Important notes:

**The Wall2Floor is applied on site. During the application phases, marks left by the laying equipment (rollers, trowels, etc.) and the typical effects contributing to the decoration of the surface may be visible. It is advisable to take the necessary precautions to prevent that dust, insects or other materials, carried in accidentally, for example by the wind, remain embedded into the surface. It should not be forgotten that any material is subject to wear and tear and therefore to scratches. Pay particular attention when applying the product inside shower stalls or on other surfaces exposed to contact with water.**

**In shower stalls that have no ceramic pan, create a slope to allow water to drain. The construction of a shower pan must be designed during renovation or construction so as to include adequate waterproofing treatment. Do not leave pools of water in prolonged contact with the surface.**

**Prolonged contact with soaps, oils, creams and liquids in general or with wet objects may lead to**

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**stains or smudges on the surface where the contact occurs.**

### **CLEANING AND MAINTENANCE OF SURFACES**

Do not clean the surface for the first time until the coating has hardened, generally, after a period of at least **7 days** (calculated at an average temperature of 25 °C and humidity of 60%). In general, surfaces coated with the **Wall2Floor system** can be washed with non-aggressive (neutral) detergents in cold or moderately warm water (never wash with temperatures above 40 °C to avoid thermal shocks and avoid steam cleaning). Do not use brushing machines that might affect and alter performance and aesthetic effect.

For the same reasons, do not use **strongly alkaline or acidic descaling products** that may compromise the surface coated with the **Wall2Floor system**.

The surfaces exhibit good resistance to a wide variety of substances commonly used in the home and professionally.

It is advisable to avoid prolonged contact with possibly aggressive substances by removing them quickly and cleaning with water to avoid possible corrosion of the surface of Wall2Floor.

**Avoid** prolonged contact with lemon coffee, lemon juice, tea, vinegar, tomato juice, descaling products and strongly alkaline or acidic detergents in general.

Sand and clean before performing maintenance of the surface layer. It is advisable to reapply the same finish following the instructions detailed above.

Maintenance, particularly if concentrated on a specific portion of the surface, may be visible.

### **SAFETY**

**Irritant / risk of serious damage to eyes / skin irritant / keep out of the reach of children / avoid contact with eyes / in case of contact with eyes, rinse immediately with plenty of water and seek medical advice / wear suitable gloves and protect eyes / face / do not breathe dust / if swallowed, seek medical advice immediately and show this container or label.**

**The product must be transported, used and stored in accordance with current legislation concerning health and safety; let residues dry out completely and treat them as special waste.**

**For further information, consult the MSDS.**

N.B. COLORIFICIO NOVACOLOR guarantees that the information herein is provided to the best of its experience and its technical and scientific knowledge; however, it cannot assume any responsibility for the results obtained using these products since the conditions of application are beyond its control. We recommend that you always check the suitability of the product to each specific use. This current edition supersedes all previous information sheets.

# Wall2Floor-Wellness System

Seamless system for the decoration of walls and floorings.

## DESCRIPTION

**Wall2Floor Wellness** is a declination of the **Wall2Floor** mineral coating, specific to the decoration of both horizontal and vertical surfaces, characterized by high physical and chemical resistance as required in the wellness sector.

Easily cleanable and hygienic surfaces with high resistance to different situations, to dry heat as in the case of Hot Stone massage, where hot basalt volcanic rocks are used, or the moist heat of facial baths or towels. Good reaction against natural substances, officinal plants, oils, creams, aromas, essences normally used. Surfaces with an adequate durability difficult to reach with conventional systems.

**Wall2Floor Wellness** uses the protective finishes **Clear Finish Countertop Protection**, formulated and tested according to **EN 12720: 2013** and **EN 12721: 2013**.

**Wall2Floor Patina** also allows a strong customization of surfaces by adding to the selection of **Wall2Floor** colors, a touch of uniqueness.

## APPLICATIONS

**Wall2Floor Wellness** represents a perfect solution for any residential and commercial needs, such as SPAs and wellness areas. The various solutions offered, specific for each intended use can meet the needs of a variety of areas of application.

The **Wall2Floor system** can be applied to:

- Concrete
- Screeds (traditional cement screeds, heated or floating screeds, etc.).
- Surfaces covered with ceramic, porcelain and mosaic tiling
- Surfaces with existing epoxy or polyurethane coatings
- Surfaces in natural and rebuilt stone
- Mineral conglomerates of various kinds, provided they are absorbent
- New and old plasters based on hydraulic binders
- Organic or mineral decorative coatings
- Surfaces in plaster and plasterboard (only vertical).

## Requirements:

Surfaces must be clean, dry and compact and free from flaking, salt bloom or damp, wax, oil and dust.

When applying to heated screeds, ensure that all necessary tests have been completed before the application of the **Wall2Floor system** to avoid the formation of condensation, cracks or lesions on the surface, which are in no way connected to the application of the **Wall2Floor system**.

In shower stalls that have no ceramic pan, create a slope to allow water to drain.

**Dynamic joints must remain free to absorb any structural movement that may occur; they must not be joined or covered for any reason.**

## UNSUITABLE SUBSTRATES

**The Wall2Floor system cannot** be applied to forkliftable surfaces, horizontal or vertical substrates that do not offer the necessary guarantees in terms of bonding and dimensional stability.

The following substrates are not suitable:

- Forkliftable surfaces
- Wooden flooring
- Linoleum.
- Pre-finished wooden flooring.
- Painted and unpainted metal surfaces.
- Glass surfaces or concrete and glass blocks.
- Moist surfaces or surfaces with rising damp.
- Do not apply to bathroom fittings or other substrates where water may collect.

PREPARATION AND APPLICATION OF PRODUCTS OF THE WALL2FLOOR SYSTEM  
Horizontal surfaces

	TRADITIONAL SCREEDS, CONCRETE, MINERAL CONGLOMERATES	SURFACES COVERED WITH CERAMIC TILING, IN NATURAL AND REBUILT STONE; SURFACES WITH EPOXY OR POLYURETHANE COATINGS	NON-PLANAR ABSORBENT MINERAL SURFACES
<b>Decofix</b>	●		●
<b>Wall2Floor Athena</b>		●	
<b>Wall2Floor Easyflat</b>			●
<b>Wall2Floor Epoxy Binder (A+B) + Wall2Floor Rasal</b>	●	●	●
<b>Wall2Floor Rete</b>	●	●	●
<b>Wall2Floor Rasal</b>	●	●	●
2 Coats of <b>Wall2Floor Top Coat Fine + Wall2Floor Componente B</b>	●	●	●
<b>Wall2Floor Patina</b>	●*	●*	●*
<b>Mineral Sealer</b>	●	●	●
2 Coats of <b>Clear Finish Countertop Protection (A+B)</b>	●	●	●
<b>Clear Finish Anti-Slip (A+B)</b>	●**	●**	●**

\* The application of **Wall2Floor Patina** is optional and depends on the achievement of a particular aesthetic effect.

\*\* **Clear Finish Anti-Slip** is a technical product with anti-slip properties. The application of one layer of **Clear Finish Anti-Slip** permits to achieve a coefficient of slip resistance, as reported in the specific technical data sheet.



## PREPARATION AND APPLICATION OF PRODUCTS OF THE WALL2FLOOR SYSTEM

### Vertical Surfaces

	TRADITIONAL SCREEDS, CONCRETE, MINERAL CONGLOMERATES	SURFACES COVERED WITH CERAMIC TILING, IN NATURAL AND REBUILT STONE; SURFACES WITH EPOXY OR POLYURETHANE COATINGS	NON-PLANAR ABSORBENT MINERAL SURFACES
<b>Decofix</b>	●		●
<b>Wall2Floor Athena</b>		●	
<b>Wall2Floor Epoxy Binder (A+B) + Wall2Floor Rasal</b>	●	●	●
<b>Wall2Floor Rete</b>	●	●	●
<b>Wall2Floor Rasal</b>	●	●	●
2 Coats of <b>Wall2Floor Top Coat Fine + Wall2Floor Componente B</b>	●	●	●
<b>Wall2Floor Patina</b>	●*	●*	●*
<b>Mineral Sealer</b>	●	●	●
2 Coats of <b>Clear Finish Countertop Protection (A+B)</b>	●	●	●

\* The application of **Wall2Floor Patina** is optional and depends on the achievement of a particular aesthetic effect.

### ENVIRONMENTAL CONDITIONS

Protect the surfaces from freezing and thermal shocks throughout the application. Do not apply when air, substrate or product temperatures are below +10°C or above +35°C, or under direct sunlight or on hot surfaces (even when in shadow), nor on damp or wet surfaces.

The required environmental and substrate conditions for the application of the **Wall2Floor system** are:

- Ambient temperature: Min. +10 °C / Max. +35 °C
- Relative ambient humidity: <75%
- Substrate temperature: Min. +10 °C / Max. +35 °C
- Relative humidity of the substrate: <4%

Failure to observe the conditions listed above may cause flaws or defects in the physical and chemical characteristics of the products and affect the aesthetic performance of the **Wall2Floor system**.

### Fixatives

**Decofix:** waterbased micro emulsion fixative

Product preparation: dilute the product with clean water. The dilution depends on the type of surface to cover.

On gypsum and plasterboards: dilute from 50% to 100%.

On plasters, levelling products for thermal insulating system and on chalky walls and old paints: from 100% to 200% with water.

On concrete surfaces: from 200 % to 300% with water.

Application equipment: roller, brush.

Application: spread the product evenly and over the entire surface.

No. of coats: 1

Coverage: 8-18 m<sup>2</sup>/l, per each coat, depending on the type of surface and its absorption

Drying time: touch dry after around 2-4 hours; over painting possible after 4 hours

**Wall2Floor Athena:** fixative based on acrylic polymers in aqueous dispersion specific for non-absorbent surfaces

Product preparation: Shake the product before the use.

Dilution: ready to use, do not dilute.

Application equipment: roller, brush.

Application: Spread the product evenly and over the entire surface paying attention to joints, corners and edges.

No. of coats: 1

Coverage: 15-20 m<sup>2</sup>/l, per each coat, depending on the type of surface.

Drying time: touch dry after around 4-6 hours; over painting possible after 8 hours

### Skim coats

**Wall2Floor Easyflat:** Cement-based self-leveling mortar with low shrinkage.

Mixing ratio: use 4 litres of clean water for each 25 kg **Wall2Floor Easyflat**.

Preparing the mix: pour the mixing water into a clean container. Slowly add **Wall2Floor Easyflat** to the water using a mechanical spiral stirrer.

Mixing time: about three minutes to a uniform mix. The mix obtained must be a uniform, thixotropic mortar free of lumps. Stirring cannot be performed manually.

Pot life of mix: approx. 20 minutes

Application equipment: stainless steel trowel.

Application: apply a layer of **Wall2Floor Easyflat**, spread the product evenly and over the entire surface.

The product can be applied in thicknesses from 3 mm to 20 mm. Separate the surface in sections for thicknesses greater than 3 mm.

No. of coats: 1

Coverage rate (referred to powder): 2.5-6.8 kg/m<sup>2</sup> for thicknesses of 5 mm, per each coat.

Drying time for thicknesses up to 3 mm: touch dry after approx. 6-8 hours; over painting possible after 12 hours; for thicknesses greater than 3 mm up to 3 days.

**Wall2Floor Epoxy Binder Component A and B + Wall2Floor Rasal:** three-component epoxy cementitious skim coat

Mixing ratio by weight: 2 parts of **Wall2Floor Epoxy Binder Component A** (1.6 l) + 1 part **Wall2Floor Epoxy Binder Component B** (0.8 l) + 25 Kg of **Wall2Floor Rasal**.

Dilution: the final mix ((1.6 l of component A + 0.8 l of component B) must be diluted by adding 2.5 l of water.

Preparing the mix: stir **Wall2Floor Epoxy Binder Component A** to incorporate any sediment. Pour **Wall2Floor Epoxy Binder Component B** into **Wall2Floor Epoxy Binder Component A** and mix for approx. 45-60 seconds. Add **Wall2Floor Rasal** gradually to the obtained mix while stirring continuously. Use a mechanical spiral stirrer to blend the mix; this operation cannot be performed manually.

Mixing time: about three minutes to a uniform mix. The mix obtained must be a uniform, thixotropic mortar free of lumps.

**Periodically blend the mix to prevent the stratification of inert matter.**

Pot life of mix: approx. 60 minutes

Application equipment: stainless steel trowel.

Application: apply a first coat of levelling product incorporating an alkali resistant fiberglass mesh with nominal weight between 70-90 ± 5% g/m<sup>2</sup> (**Wall2Floor Rete**). Draw the ends close without overlapping.

Evenly distribute the product on the entire surface.

No. of coats: 1

Coverage rate (referred to A+B mix + Wall2Floor Rasal): 2.0-2.5 Kg/m<sup>2</sup> per coat

Drying time for thicknesses up to 3 mm: touch dry after approx. 6-8 hours; over painting possible after 12 hours.

**Wall2Floor Rasal**: preparation cementitious skim coat.

Mixing ratio: use 5-6 litres of clean water for each 25 kg package of **Wall2Floor Rasal**.

Preparing the mix: pour the mixing water into a clean container. Slowly add **Wall2Floor Rasal** to the water using a mechanical spiral stirrer.

Mixing time: about three minutes to a uniform mix. The mix obtained must be a uniform, thixotropic mortar free of lumps. Stirring cannot be performed manually.

Pot life of mix: approx. 120 minutes

Application equipment: stainless steel trowel.

Application: Evenly apply a coat of **Wall2Floor Rasal** on the entire surface.

No. of coats: 1

Coverage rate (referred to powder): 0.8-1.3 Kg/m<sup>2</sup> per coat

Drying time: touch dry after approx. 6-8 hours; over painting possible after 8 hours

#### Ancillary Technical Products:

**Wall2Floor Rete**: an alkali resistant fiberglass mesh with nominal weight between 70-90 ± 5% g/m<sup>2</sup>

During the applications on horizontal substrates, the mesh must be incorporated in the layer of **Wall2Floor Epoxy Binder A + B + Wall2Floor Rasal** without overlapping the ends. In applications on vertical substrates the mesh must be incorporated in the first layer of **Wall2Floor Rasal**.

Dimensions: length 50.0 m and width 1.0 m.

#### Decorative coatings

**Wall2Floor Top Coat Fine**: fine decorative coating for internal and external horizontal and vertical surfaces.

Mixing ratio by weight: 15 Kg of **Wall2Floor Top Coat Fine** + 5 Kg of **Wall2Floor Component B**.

Dilution: it is possible to dilute the final mix by adding up to 5% of water.

Tinting: stir **Wall2Floor Top Coat Fine** before colouring. Tint using the **Mixcolor** colouring system by **Novacolor**. Mix the colouring agent with **Wall2Floor Top Coat Fine** using a gyroscopic stirrer or a mechanical spiral stirrer.

Preparing the mix: only immediately before applying the product at the job site add to each 15 kg package of **Wall2Floor Top Coat Fine**, a 5 kg package of **Wall2Floor Component B**. The powder component (**Wall2Floor Component B**) must be added gradually and blending performed using a mechanical spiral stirrer. The mixing of the two components cannot be performed manually.

Mixing time: about three minutes to a uniform mix. The mix obtained must be a uniform, thixotropic mortar free of lumps.

Pot life of mix: approx. 120 minutes

Application equipment: stainless steel trowel.

Application: apply a first coat of **Wall2Floor Top Coat Fine**, previously mixed with **Wall2Floor Component B** to smooth the surface. Wait for the surface to dry, usually between 6-8 hours, and then apply a second layer of **Wall2Floor Top Coat Fine**, previously mixed with **Wall2Floor Component B**, and work the surface to obtain the desired aesthetic effect.

No. of coats: 2

Coverage rate (referred to the mix Wall2Floor Top Coat Fine + Wall2Floor Component B): 1.0-1.2 kg/m<sup>2</sup>, with two coats.

Drying time: touch dry after approx. 6-8 hours; over painting possible after 8 hours

**Wall2Floor Component B**: powder admixture specifically for **Wall2Floor Top Coat** and **Wall2Floor Top Coat Fine**.

#### Decorative ancillary products

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**Wall2Floor Patina (Gold, Silver, Platino, Opaca):** decorative glaze for internal surfaces

Preparing the product: stir the product manually before use.

Tinting: stir **Wall2Floor Patina** before colouring. Tint using the **Mixcolor colouring system by Novacolor**.

Mix using a gyroscopic stirrer.

Dilution: the product is ready to use; do not dilute.

Application equipment: stainless steel trowel, sponge, sponge trowel.

Application: using a stainless steel trowel, sponge, or sponge trowel apply a coat of **Wall2Floor Patina**, working the surface to obtain the desired aesthetic effect.

No. of coats: 1

Coverage rate: 8-15 m<sup>2</sup>/l, with one coat.

Drying time: touch dry after approx. 6-8 hours; over painting possible after 8 hours

### Sealer

**Mineral Sealer:** two-component epoxy primer

Mixing ratio by weight: 10 parts of component A + 7 parts of component B

Preparing the mix: stir **Mineral Sealer A** to incorporate any sediment. Pour **Mineral Sealer B** into **Mineral Sealer A** and mix by hand for approx. 45-60 seconds.

Dilution: dilute the final mix (0.500 l of component A + 0.350 l of component B) by adding 2,5 l of water.

Application equipment: brush; sponge trowel for levelling.

Pot life of mix: approx. 60 minutes. Do not add extra water to increase the pot life.

Application: apply a coat of **Mineral Sealer** prepared in advance. Spread the product evenly and smoothly over the entire surface, ensuring saturation according to substrate porosity, using a sponge trowel. Throughout each stage of finishing, wait at least 72 hours before applying a coat over the preceding layer.

No. of coats: 1

Coverage rate (referred to A+B mix): 8-12 m<sup>2</sup>/l, with one coat.

Drying time: touch dry after approx. 10-12 hours; over painting possible after 12 hours

### Protections

**Clear Finish Countertop Protection Satin:** two-component water-based polyurethane finish

Mixing ratio by weight: 10 parts of component A + 3 parts of component B

**Clear Finish Countertop Protection Ultra Matt:** 12 parts of component A + 3 parts of component B

Preparing the mix: stir **Clear Finish Countertop Protection A** to incorporate any sediment. Pour **Clear Finish Countertop Protection B** into **Wall2Floor Clear Finish A** and mix by hand for approx. 45-60 seconds. You may also choose to use a mechanical stirrer with paddle at slow speed for approx. 1 minute. The final mix will be free of lumps, impurities or unmixed residues of the two components.

Dilution: it is possible to dilute the final mix by adding up to 10% of water.

Before applying each layer of **Clear Finish Countertop Protection** we advise filtering the mix using a cloth or nylon filter or a specific paint filter-funnel with a 40-90 micron mesh.

Tools: medium hair roller

Pot life of mix: approx. 60 minutes

Application: apply two layers of **Clear Finish Countertop Protection** prepared in advance. Spread the product evenly and over the entire surface, avoiding build-up. Be especially careful when applying around corners and edges. Wait for sufficient drying time between one layer and the other.

No. of coats: 2

Coverage rate (referred to A+B mix): 6-7 m<sup>2</sup>/l, with two coats.

Drying time: walkable after at least 24 hours; complete cure: 7 days

**Clear Finish Anti-Slip:** two-component water-based polyurethane protection

Mixing ratio by weight: 100 parts of component A + 25 parts of component B

Preparing the mix: stir **Clear Finish Anti-Slip A** to incorporate any sediment. Pour **Clear Finish Anti-Slip B** into **Clear Finish Anti-Slip A** and mix by hand for approx. 45-60 seconds. You may also choose to use a mechanical stirrer with paddle at slow speed for approx. 1 minute. The final mix will be free of lumps, impurities or unmixed residues of the two components.

Dilution: it is possible to dilute the final mix by adding up to 10% of water.

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Before applying each layer of **Clear Finish Anti-Slip** we advise filtering the mix using a cloth or nylon filter or a specific paint filter-funnel with a 40-90 micron mesh.

Tools: medium hair roller

Pot life of mix: approx. 60 minutes

Application: apply one layer of **Clear Finish Anti-Slip** prepared in advance. Spread the product evenly and over the entire surface, avoiding build-up. Be especially careful when applying around corners and edges. Wait for sufficient drying time between one layer and the other.

No. of coats: 1

Coverage rate (referred to A+B mix) 10-14 m<sup>2</sup>/l, for each layer.

Drying time: walkable after at least 24 hours; complete cure: 7 days

## CLEANING THE EQUIPMENT

For all other products, use water to clean the equipment immediately after usage

## STORAGE CONDITIONS AND SHELF LIFE

Stability in the original unopened containers, stored under cover and in adequate temperature conditions: 1 year for powder products and two-component products and two years for paste products.

Maximum storage temperature: +35°C

Minimum storage temperature: +5°C.

## TINTING

Colours are obtainable using the tinting system **Mixcolor by Novacolor**. It is advisable to use only resistant colouring pastes tested on mineral systems with strongly alkaline pH. **Wall2Floor Top Coat**, **Wall2Floor Top Coat Fine**, and **Wall2Floor Patina Neutra** can be coloured. Regarding **Wall2Floor Top Coat**, this operation must always be carried out before the addition of **Wall2Floor Component B**. It is good practice to always use material from the same manufacturing batch.

## WARNINGS

Prolonged contact with soaps, oils, creams and liquids in general or with wet objects may lead to stains or smudges on the surface where the contact occurs.

Allow at least four weeks' curing before applying to newly-laid concrete substrates.

The product should be used only by personnel with experience in laying floors.

Further details may be found in the **WALL2FLOOR SYSTEM ANNEX and CLEAR FINISH COUNTERTOP PROTECTION ANNEX** to the technical data sheets.

## PRECAUTIONS

Check the suitability and condition of equipment and personal protective equipment (goggles, gloves, knee pads, etc.).

Do not expose the products to direct heat or temperatures below +5 °C for long periods. If the products are stored at temperatures close to +5°C, we recommend that prior to use they are placed in an area with higher and more appropriate temperatures so that when they are to be used the product temperature will not be below +10 °C. If stored at temperatures below +10° C, place the product in a properly heated room prior to use.

Do not heat the products using a direct source of heat, flame, heat element or similar. Low temperatures increase the pot viscosity making the mix difficult to use and lengthening or inhibiting the drying and hardening process of the various products.

If the **Wall2Floor system** is to be applied on both vertical and horizontal surfaces in the same environment, we recommend applying the system firstly to vertical surfaces and then to the horizontal surfaces.

Through all the phases of application of the **Wall2Floor system**, adhesive tape must only be removed once the hardening of each layer is complete.

It is advisable to finish each work with material from the same production batch. If using different production batches it is advisable to mix the various mixes in order to avoid slight differences in hues. For jobs where the use of different production batches is unavoidable, do not apply one colour directly alongside the other. Change the batch where there are breaks in the surfaces, such as mouldings, corners, expansion joints and so on.

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Ensure that a correct quantity of product is applied, especially where there are corners, sharp edges, steps or risers. It is advisable to protect corners, sharp edges, steps and risers, with suitable edge protection. Consider using concealed edge protections, which will be embedded into the layers of **Wall2Floor Rasal and Wall2Floor Top Coat**.

Pay particular attention when applying the product inside shower stalls or on other surfaces exposed to contact with water. Do not leave pools of water in prolonged contact with the surface.

Edge protections available on the market can be glued on the finished surface to provide additional protection especially on edges and corners.

It is good practice to always use new or thoroughly cleaned equipment; if necessary replace tools after each application cycle.

#### **Important notes:**

**The Wall2Floor is applied on site. During the application phases, marks left by the laying equipment (rollers, trowels, etc.) and the typical effects contributing to the decoration of the surface may be visible. It is advisable to take the necessary precautions to prevent that dust, insects or other materials, carried in accidentally, for example by the wind, remain embedded into the surface. It should not be forgotten that any material is subject to wear and tear and therefore to scratches. Pay particular attention when applying the product inside shower stalls or on other surfaces exposed to contact with water.**

**In shower stalls that have no ceramic pan, create a slope to allow water to drain. The construction of a shower pan must be designed during renovation or construction so as to include adequate waterproofing treatment. Do not leave pools of water in prolonged contact with the surface.**

**Prolonged contact with soaps, oils, creams and liquids in general or with wet objects may lead to stains or smudges on the surface where the contact occurs.**

#### **CLEANING AND MAINTENANCE OF SURFACES**

Do not clean the surface for the first time until the coating has hardened, generally, after a period of at least **7 days** (calculated at an average temperature of 25 °C and humidity of 60%). In general, surfaces coated with the **Wall2Floor system** can be washed with non-aggressive (neutral) detergents in cold or moderately warm water (never wash with temperatures above 40 °C to avoid thermal shocks and avoid steam cleaning). Do not use brushing machines that might affect and alter performance and aesthetic effect.

For the same reasons, do not use **strongly alkaline or acidic descaling products** that may compromise the surface coated with the **Wall2Floor system**.

The surfaces exhibit good resistance to a wide variety of substances commonly used in the home and professionally.

It is advisable to avoid prolonged contact with possibly aggressive substances by removing them quickly and cleaning with water to avoid possible corrosion of the surface of Wall2Floor.

**Avoid** prolonged contact with lemon coffee, lemon juice, tea, vinegar, tomato juice, descaling products and strongly alkaline or acidic detergents in general.

Sand and clean before performing maintenance of the surface layer. It is advisable to reapply the same finish following the instructions detailed above.

Maintenance, particularly if concentrated on a specific portion of the surface, may be visible.

#### **SAFETY**

**Irritant / risk of serious damage to eyes / skin irritant / keep out of the reach of children / avoid contact with eyes / in case of contact with eyes, rinse immediately with plenty of water and seek medical advice / wear suitable gloves and protect eyes / face / do not breathe dust / if swallowed, seek medical advice immediately and show this container or label.**

**The product must be transported, used and stored in accordance with current legislation concerning health and safety; let residues dry out completely and treat them as special waste.**

**For further information, consult the MSDS.**

N.B. COLORIFICIO NOVACOLOR guarantees that the information herein is provided to the best of its experience and its technical and scientific knowledge; however, it cannot assume any responsibility for the results obtained using these products since the conditions of application are beyond its control. We recommend that you always check the suitability of the product to each specific use. This current edition supersedes all previous information sheets.



# Wall2Floor Sand

Ventilated quartz sand, selected, 0.3-0.9 mm.

**PRODUCT DESCRIPTION** Wall2Floor Sand is a powder additive specific for the "Wall2Floor system".

## APPLICATIONS

To be used only in addition to **Wall2Floor Block A + B**.

## IDENTIFICATION CHARACTERISTICS

Ventilated quartz sand, selected, 0.3-0.9 mm.

## SUPPORT PREPARATION

Consult the technical data sheet of "**Wall2Floor system**".

## APPLICATION

Consult the technical data sheet of "**Wall2Floor system**".

## MIXTURE PREPARATION

Add to **Wall2Floor Block A + B**, before installation, following the procedures described below and reported in the technical data sheet "**Wall2Floor system**".

**With the addition Wall2Floor Sand to Wall2Floor Block A + B it must be gradual** and must always take place under mechanical mixing with a drill equipped with a whisk for about three minutes or until complete mixing of the components. Pot life of mix: approximately 60 minutes.

## DILUTION

It cannot be diluted

## CLEANING OF TOOLS

With nitro thinner.

## COLOR THE

Not tinted.

## PACKING

25 kg packs.

## STORAGE TERMS

The material has a shelf life, stored in its original packaging for 24 months as long as it is stored in a covered warehouse at a temperature between + 10 ° C and + 30 ° C.

Avoid damp storage rooms and protect from water to avoid material deterioration.

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# Wall2Floor Top Coat Fine

Mineral coating for internal and external horizontal and vertical surfaces.

**PRODUCT DESCRIPTION** Wall2Floor Top Coat Fine is a mineral coating, for the decoration of internal and external horizontal and vertical surfaces.

## APPLICATIONS

Interior decoration of high quality, in line with the most modern and current trends in "concrete" in the field of architecture.

## IDENTIFICATION CHARACTERISTICS

Paste product.

## PERFORMANCE CHARACTERISTICS

Thanks to its particular formulation, it allows to obtain a continuous and seamless surface.

## SUPPORT PREPARATION

Consult the technical data sheet of "Wall2Floor system".

## APPLICATION

Consult the technical data sheet of "Wall2Floor system".

## MIXTURE PREPARATION

Add to each 15 kg pack Wall2Floor Top Coat Fine, before installation, a 5 kg pack of

Wall2Floor Component B, with the aid of a mechanical mixer equipped with a whisk.

Mix the mixture for about three minutes, the mixture obtained must not have lumps, unmixed portions of the components, impurities.

**Dilution** : when the two components are completely mixed, it is possible to add up to 5% of water.

**Life time of the dough** : about 90 minutes.

## RECOMMENDATIONS

During all phases of preparation of the substrate, products and application, the correct use of equipment and personal protective equipment (dpi) is recommended.

Do not expose the products for long periods to direct heat sources or temperatures below + 5 ° C.

If the products are stored at temperatures close to + 5 ° C, we recommend that you take them to a suitable temperature before use, in order to condition them at a temperature of use not lower than + 10 ° C. Do not heat the products using a direct source of heat, flame, hot body or similar. We recommend that you finish each job with materials from the same manufacturing batch. If different manufactures are used, it is advisable to mix the various productions together in order to avoid slight differences in shades. The external application of the "Wall2Floor system" involves choosing light colors and using exterior resistant dyes. After application, the surfaces must be protected from rain and humidity, until completely dry.

Exposure to the atmospheric agents of the not completely dry surface can generate the appearance of irreversible stains or bleaching phenomena.

For the correct use of the mentioned materials, dilution and installation, please refer to a careful reading of the relative technical data sheet.

During all phases of preparation of the substrate, products and application, the correct use of equipment and personal protective equipment (dpi) is recommended.

## CLEANING OF TOOLS

With water immediately after use.

**YIELD** Wall2Floor Top Coat Fine: 1.0-1.2 kg / m<sup>2</sup>, in the two layers, based on the type of intervention and the state of the support. It is advisable to check the actual yield with a preliminary test on the specific support.

**COLORS** White and color chart Wall2Floor.

## PACKING

Packs of 15 kg.

## STORAGE TERMS

The material has a duration in the original and well sealed container of about 24 months as long as it is stored in a covered warehouse at a temperature between + 10 ° C and + 30 ° C.

## SAFETY INDICATIONS

Directive 2004/42 / CE:

Wall2Floor Top Coat Fine (paints for decorative effects): EU limit value for Wall2Floor Top Coat Fine (cat A / I): 200 g / l (2010)

Wall2Floor Top Coat Fine contains a maximum of 200 g / l of VOC

The product does not require labeling in accordance with the regulations in force.

Use the product according to current hygiene and safety standards. Do not throw residues into sewers, waterways and on the ground; after use do not disperse the containers in the environment, allow the residues to dry well and treat them as special waste. Keep out of reach of children. If swallowed, seek medical advice immediately. For further information consult the safety data sheet.

NB- COLORIFICIO NOVACOLOR guarantees that the information in this sheet is provided to the best of its experience and its technical and scientific knowledge; however, it cannot assume any responsibility for the results obtained with their use as the conditions of application are beyond its control. It is advisable to always check the actual suitability of the product for each specific case. This cancels and replaces any previous card.

# Wall2Floor Top Coat

Mineral coating for horizontal and vertical continuous surfaces.

**PRODUCT DESCRIPTION** Wall2Floor Top Coat is a mineral coating for decoration of horizontal and vertical surfaces there in environments prestigious.

## APPLICATIONS

Interior decoration of high quality, in line with the most modern and current trends in "concrete" in the field of architecture.

## IDENTIFICATION CHARACTERISTICS

Paste product.

## PERFORMANCE CHARACTERISTICS

Thanks to its particular formulation, it allows to obtain a continuous and seamless surface.

**Wall2Floor Top Coat + Wall2Floor Component B Gross heat of combustion (calorific value) (\*) ISO 1716: 2010:**

1.4 MJ / kg

(\*) European Class of Reaction to Fire A1

## SUPPORT PREPARATION

Consult the technical data sheet of "Wall2Floor system".

## APPLICATION

Consult the technical data sheet of "Wall2Floor system".

## MIXTURE PREPARATION

Add to each 15 kg pack Wall2Floor Top Coat, before installation, a 5 kg pack of Wall2Floor Component B, with the aid of a mechanical mixer equipped with a whisk.

Mix the mixture for about three minutes, the mixture obtained must not have lumps, unmixed portions of the components, impurities.

**Dilution** : when the two components are completely mixed, it is possible to add up to 5% of water.

**Life time of the dough** : about 90 minutes.

## RECOMMENDATIONS

During all phases of preparation of the substrate, products and application, the correct use of equipment and personal protective equipment (dpi) is recommended.

Do not expose the products for long periods to direct heat sources or temperatures below + 5 ° C.

If the products are stored at temperatures close to + 5 ° C, we recommend that you take them to a suitable temperature before use, in order to condition them at a temperature of use not lower than + 10 ° C. Do not heat the products using a direct source of heat, flame, hot body or similar. We recommend that you finish each job with materials from the same manufacturing batch. If different manufactures are used, it is advisable to mix the various productions together in order to avoid slight differences in shades.

For the correct use of the mentioned materials, dilution and installation, please refer to a careful reading of the relative technical data sheet.

During all phases of preparation of the substrate, products and application, the correct use of equipment and personal protective equipment (dpi) is recommended.

## CLEANING OF TOOLS

With water immediately after use.

**YIELD Wall2Floor Top Coat: 1.2-1.5 kg / m<sup>2</sup>, in the two layers, based on the type of intervention and the state of the support.** It is advisable to check the actual yield with a preliminary test on the specific support.

**COLORS White and color chart Wall2Floor.**

## PACKING

5 kg packs; 15 Kg.

## STORAGE TERMS

The material has a duration in the original and well sealed container of about 24 months as long as it is stored in a covered warehouse at a temperature between + 10 ° C and + 30 ° C.

## SAFETY INDICATIONS

Directive 2004/42 / CE:

Wall2Floor Top Coat (paints for decorative effects): EU limit value for Wall2Floor Top Coat (cat A / I): 200 g / l (2010) Wall2Floor Top Coat contains a maximum of 200 g / l of VOC

The product does not require labeling in accordance with the regulations in force.

Use the product according to current hygiene and safety standards. Do not throw residues into sewers, waterways and on the ground; after use do not disperse the containers in the environment, allow the residues to dry well and treat them as special waste. Keep out of reach of children. If swallowed, seek medical advice immediately. For further information consult the safety data sheet.

NB- COLORIFICIO NOVACOLOR guarantees that the information in this sheet is provided to the best of its experience and its technical and scientific knowledge; however, it cannot assume any responsibility for the results obtained with their use as the conditions of application are beyond its control. It is advisable to always check the actual suitability of the product for each specific case. This cancels and replaces any previous card.

# Wall2Floor Patina

## Metallic patina for the decoration of internal surfaces in Wall2Floor.

**DESCRIPTION** Wall2Floor Patina is a metallic decorative patina for interiors, specific for the Wall2Floor system. It is composed of an acrylic copolymer selected metallic pigments and rheological modifiers that guarantee excellent workability of the product.

### APPLICATIONS

Applicable on internal horizontal and vertical surfaces, coated with Wall2Floor Top Coat.

### IDENTIFICATION CHARACTERISTICS

Nature of the binder: acrylic polymer in emulsion. Density

**Wall2Floor Patina:** 1.05 +/- 0.05 g / ml

Drying (at 25 ° C and 65% RH): to the touch in 2 hours; can be painted over after 8 hours.

### DILUTION

**Wall2Floor Patina:** ready to use.

### WARNINGS

Adequately mix the material before coloring and before laying.

Do not apply on wet substrates.

### SUPPORT PREPARATION

Consult the technical data sheet of "Wall2Floor NF system".

**APPLICATION** Wall2Floor Patina must be applied, with a stainless steel trowel or with a sponge float, on Wall2Floor Top Coat

dry, in **one layer**.

For further information consult the technical data sheet of the "Wall2Floor NF system".

### RECOMMENDATIONS

During all phases of preparation of the substrate, products and application, the correct use of equipment and personal protective equipment (dpi) is recommended.

Do not expose the products for long periods to direct heat sources or temperatures below + 5 ° C.

In the case of storage of products at temperatures close to + 5 ° C it is recommended to bring them, before use, to a place at a suitable temperature, in order to condition them at a temperature of use not lower than + 10 ° C. Do not heat the products using a direct source of heat, flame, hot body or similar.

We recommend that you finish each job with materials from the same manufacturing batch. If different manufactures are used, it is advisable to mix the various productions together in order to avoid slight differences in shades.

### CLEANING OF TOOLS

With water, immediately after use.

**YIELD** Wall2Floor Patina: 8-15 m<sup>2</sup> / l, based on the type of substrate and its absorption and the application technique used. It is advisable to determine the actual yield with a preliminary test on the specific support.

### COLORS

Wall2Floor Patina Gold, Silver and Platino.

### PACKING

Packs of 1 l.

### STORAGE TERMS

The product should be used preferably within 2 years from the production date if stored in the original unopened containers and in conditions of suitable temperatures.

### SAFETY INDICATIONS

Directive 2004/42 / EC: Wall2Floor Patina (paint for decorative effects) EU limit value for Wall2Floor Patina (cat A / I): 200 g / l (2010) Wall2Floor Patina contains a maximum of 200 g / l of VOC.

The product does not require labeling in accordance with the regulations in force.

Use the product according to current hygiene and safety standards. Do not throw residues into sewers, waterways and on the ground; after use do not disperse the containers in the environment, allow the residues to dry well and treat them as special waste. Keep out of reach of children. If swallowed, seek medical advice immediately. For further information consult the safety data sheet.

NB- COLORIFICIO NOVACOLOR guarantees that the information in this sheet is provided to the best of its experience and its technical and scientific knowledge; however, it cannot assume any responsibility for the results obtained with their use as the conditions of application are beyond its control. It is advisable to always check the actual suitability of the product for each specific case. This cancels and replaces any previous card.

# Wall2Floor-Office System

Seamless system for the decoration of walls and floorings.

## DESCRIPTION

**Wall2Floor Office** is a declination of the mineral coating, characterized by high mechanical resistance, specific for the decoration of interior surfaces, both horizontal and vertical, in the civilian building for private or commercial use.

**Wall2Floor Office** combines a high mechanical resistance, provided by the three-component epoxy-cementitious levellant **Wall2Floor Epoxy Binder**, combined with the high abrasion resistance of **Wall2Floor Clear Finish**, specific to all surfaces subject in medium intensity to pedestrian traffic and mechanical stress deriving, for example, from seats with wheels normally used within these environments.

**Wall2Floor Office** resistance to abrasion has been tested in accordance with **UNI EN ISO 5470-1** and has shown very good result.

For a higher resistance of the surface decorated with **Wall2Floor Office** it is advisable to use seat with casters for parquet flooring.

## APPLICATIONS

**Wall2Floor Office** represents a perfect solution for any residential and commercial needs, such as private offices or public ones with low traffic. The various solutions offered, specific for each intended use can meet the needs of a variety of areas of application.

The **Wall2Floor system** can be applied to:

- Concrete
- Screeds (traditional cement screeds, heated or floating screeds, etc.).
- Surfaces covered with ceramic, porcelain and mosaic tiling
- Surfaces with existing epoxy or polyurethane coatings
- Surfaces in natural and rebuilt stone
- Mineral conglomerates of various kinds, provided they are absorbent
- New and old plasters based on hydraulic binders
- Organic or mineral decorative coatings
- Surfaces in plaster and plasterboard (only vertical).

## Requirements:

Surfaces must be clean, dry and compact and free from flaking, salt bloom or damp, wax, oil and dust.

When applying to heated screeds, ensure that all necessary tests have been completed before the application of the **Wall2Floor system** to avoid the formation of condensation, cracks or lesions on the surface, which are in no way connected to the application of the **Wall2Floor system**.

In shower stalls that have no ceramic pan, create a slope to allow water to drain.

**Dynamic joints must remain free to absorb any structural movement that may occur; they must not be joined or covered for any reason.**

## UNSUITABLE SUBSTRATES

The **Wall2Floor system** cannot be applied to forkliftable surfaces, horizontal or vertical substrates that do not offer the necessary guarantees in terms of bonding and dimensional stability.

The following substrates are not suitable:

- Forkliftable surfaces
- Wooden flooring
- Linoleum.
- Pre-finished wooden flooring.
- Painted and unpainted metal surfaces.
- Glass surfaces or concrete and glass blocks.
- Moist surfaces or surfaces with rising damp.
- Do not apply to bathroom fittings or other substrates where water may collect.

## PREPARATION AND APPLICATION OF PRODUCTS OF THE WALL2FLOOR SYSTEM

### Horizontal surfaces

	TRADITIONAL SCREEDS, CONCRETE, MINERAL CONGLOMERATES	SURFACES COVERED WITH CERAMIC TILING, IN NATURAL AND REBUILT STONE; SURFACES WITH EPOXY OR POLYURETHANE COATINGS	NON-PLANAR ABSORBENT MINERAL SURFACES
<b>Decofix</b>	●		●
<b>Wall2Floor Athena</b>		●	
<b>Wall2Floor Easyflat</b>			●
<b>Wall2Floor Epoxy Binder (A+B) + Wall2Floor Rasal</b>	●	●	●
<b>Wall2Floor Rete</b>	●	●	●
<b>Wall2Floor Rasal</b>	●	●	●
2 coats of <b>Wall2Floor Top Coat + Wall2Floor Componente B</b>  or  2 coats of <b>Wall2Floor Top Coat Fine + Wall2Floor Componente B</b>	●	●	●
	●*	●*	●*
<b>Wall2Floor Patina</b>	●**	●**	●**
<b>Wall2Floor Primer</b>	●	●	●
<b>Mineral Sealer</b>	●*	●*	●*
2 coats of <b>Wall2Floor Clear Finish (Matt/Satin/Glossy) (A+B)</b>	●	●	●
<b>Clear Finish Anti-Slip (A+B)</b>	●***	●***	●***

\*When applying **Wall2Floor Top Coat Fine** apply **Mineral Sealer**

\*\*If decorating with **Wall2Floor Patina** apply it before applying **Wall2Floor Primer**

You must use either **Wall2Floor Top Coat** or **Wall2Floor Top Coat Fine**

\*\*\* **Clear Finish Anti-Slip** is a technical product with anti-slip properties. The application of one layer of **Clear Finish Anti-Slip** permits to achieve a coefficient of slip resistance, as reported in the specific technical data sheet.



**PREPARATION AND APPLICATION OF PRODUCTS OF THE WALL2FLOOR SYSTEM**  
**Vertical Surfaces**

	<b>TRADITIONAL SCREEDS, CONCRETE, MINERAL CONGLOMERATES</b>	<b>SURFACES COVERED WITH CERAMIC TILING, IN NATURAL AND REBUILT STONE; SURFACES WITH EPOXY OR POLYURETHANE COATINGS</b>	<b>NON-PLANAR ABSORBENT MINERAL SURFACES</b>
<b>Decofix</b>	●		●
<b>Wall2Floor Athena</b>		●	
<b>Wall2Floor Rasal</b>		●	●
<b>Wall2Floor Rete</b>		●	●
<b>Wall2Floor Rasal</b>		●	●
2 coats of <b>Wall2Floor Top Coat + Wall2Floor Componente B</b>  or  2 coats of <b>Wall2Floor Top Coat Fine + Wall2Floor Componente B</b>	●   ●*	●   ●*	●   ●*
<b>Wall2Floor Patina</b>	●**	●**	●**
<b>Wall2Floor Primer</b>	●	●	●
<b>Mineral Sealer</b>	●*	●*	●*
2 coats of <b>Wall2Floor Clear Finish (Matt/Satin/Glossy) (A+B)</b>	●	●	●

\*When applying **Wall2Floor Top Coat Fine** apply **Mineral Sealer**

\*\*If decorating with **Wall2Floor Patina** apply it before applying **Wall2Floor Primer**

You must use either **Wall2Floor Top Coat** or **Wall2Floor Top Coat Fine**

**ENVIRONMENTAL CONDITIONS**

Protect the surfaces from freezing and thermal shocks throughout the application. Do not apply when air, substrate or product temperatures are below +10°C or above +35°C, or under direct sunlight or on hot surfaces (even when in shadow), nor on damp or wet surfaces.

The required environmental and substrate conditions for the application of the **Wall2Floor system** are:

- Ambient temperature: Min. +10 °C / Max. +35 °C
- Relative ambient humidity: <75%
- Substrate temperature: Min. +10 °C / Max. +35 °C
- Relative humidity of the substrate: <4%

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Failure to observe the conditions listed above may cause flaws or defects in the physical and chemical characteristics of the products and affect the aesthetic performance of the **Wall2Floor system**.

### Sealers

**Decofix:** waterbased micro emulsion fixative

Product preparation: dilute the product with clean water. The dilution depends on the type of surface to cover.

On gypsum and plasterboards: dilute from 50% to 100%.

On plasters, levelling products for thermal insulating system and on chalky walls and old paints: from 100% to 200% with water.

On concrete surfaces: from 200 % to 300% with water.

Application equipment: roller, brush.

Application: spread the product evenly and over the entire surface.

No. of coats: 1

Coverage: 8-18 m<sup>2</sup>/l, per each coat, depending on the type of surface and its absorption

Drying time: touch dry after around 2-4 hours; over painting possible after 4 hours

**Wall2Floor Athena:** fixative based on acrylic polymers in aqueous dispersion specific for non-absorbent surfaces

Product preparation: Shake the product before the use.

Dilution: ready to use, do not dilute.

Application equipment: roller, brush.

Application: Spread the product evenly and over the entire surface paying attention to joints, corners and edges.

No. of coats: 1

Coverage: 15-20 m<sup>2</sup>/l, per each coat, depending on the type of surface.

Drying time: touch dry after around 4-6 hours; over painting possible after 8 hours

### Skim coats

**Wall2Floor Easyflat:** Cement-based self-leveling mortar with low shrinkage.

Mixing ratio: use 4 litres of clean water for each 25 kg **Wall2Floor Easyflat**.

Preparing the mix: pour the mixing water into a clean container. Slowly add **Wall2Floor Easyflat** to the water using a mechanical spiral stirrer.

Mixing time: about three minutes to a uniform mix. The mix obtained must be a uniform, thixotropic mortar free of lumps. Stirring cannot be performed manually.

Pot life of mix: approx. 20 minutes

Application equipment: stainless steel trowel.

Application: apply a layer of **Wall2Floor Easyflat**, spread the product evenly and over the entire surface. The product can be applied in thicknesses from 3 mm to 20 mm. Separate the surface in sections for thicknesses greater than 3 mm.

No. of coats: 1

Coverage rate (referred to powder): 2.5-6.8 kg/m<sup>2</sup> for thicknesses of 5 mm, per each coat.

Drying time for thicknesses up to 3 mm: touch dry after approx. 6-8 hours; over painting possible after 12 hours; for thicknesses greater than 3 mm up to 3 days.

**Wall2Floor Epoxy Binder Component A and B + Wall2Floor Rasal:** three-component epoxy cementitious skim coat

Mixing ratio by weight: 2 parts of **Wall2Floor Epoxy Binder Component A** (1.6 l) + 1 part **Wall2Floor Epoxy Binder Component B** (0.8 l) + 25 Kg of **Wall2Floor Rasal**.

Dilution: the final mix (1.6 l of component A + 0.8 l of component B) must be diluted by adding 2.5 l of water.

Preparing the mix: stir **Wall2Floor Epoxy Binder Component A** to incorporate any sediment. Pour

**Wall2Floor Epoxy Binder Component B** into **Wall2Floor Epoxy Binder Component A** and mix for approx. 45-60 seconds. Add **Wall2Floor Rasal** gradually to the obtained mix while stirring continuously. Use a mechanical spiral stirrer to blend the mix; this operation cannot be performed manually.

Mixing time: about three minutes to a uniform mix. The mix obtained must be a uniform, thixotropic mortar free of lumps.

**Periodically blend the mix to prevent the stratification of inert matter.**

Pot life of mix: approx. 60 minutes

Application equipment: stainless steel trowel.

Application: apply a coat of **Wall2Floor Epoxy Binder Component A and B + Wall2Floor Rasal** evenly on the surface.

No. of coats: 1

Coverage rate (referred to A+B mix + Wall2Floor Rasal): 2.0-2.5 Kg/m<sup>2</sup> per coat

Drying time for thicknesses up to 3 mm: touch dry after approx. 6-8 hours; over painting possible after 12 hours.

**Wall2Floor Rasal**: preparation cementitious skim coat.

Mixing ratio: use 5-6 litres of clean water for each 25 kg package of **Wall2Floor Rasal**.

Preparing the mix: pour the mixing water into a clean container. Slowly add **Wall2Floor Rasal** to the water using a mechanical spiral stirrer.

Mixing time: about three minutes to a uniform mix. The mix obtained must be a uniform, thixotropic mortar free of lumps. Stirring cannot be performed manually.

Pot life of mix: approx. 120 minutes

Application equipment: stainless steel trowel.

Application on horizontal substrates: apply a first coat of **Wall2Floor Rasal** evenly on the surface

Application on vertical substrates: apply a first coat of **Wall2Floor Rasal** incorporating an alkali resistant fiberglass mesh with nominal weight between 70-90 ± 5% g/m<sup>2</sup> (**Wall2Floor Rete**). Draw the ends close without overlapping. Wait for the surface to dry, usually between 6-8 hours, and then apply a second layer of **Wall2Floor Rasal** with stainless steel trowel to level the surface.

N° of coats: 1 in horizontal/2 in vertical

Coverage rate (referred to powder): 0.8-1.3 Kg/m<sup>2</sup> per coat

Drying time: touch dry after approx. 6-8 hours; over painting possible after 8 hours

#### Ancillary Technical Products:

**Wall2Floor Rete**: an alkali resistant fiberglass mesh with nominal weight between 70-90 ± 5% g/m<sup>2</sup>

During the applications on horizontal substrates, the mesh must be incorporated in the layer of **Wall2Floor Epoxy Binder A + B + Wall2Floor Rasal** without overlapping the ends. In applications on vertical substrates the mesh must be incorporated in the first layer of **Wall2Floor Rasal**.

Dimensions: length 50.0 m and width 1.0 m.

#### Decorative coatings

**Wall2Floor Top Coat**: decorative coating for horizontal and vertical surfaces.

Mixing ratio by weight: 15 Kg of **Wall2Floor Top Coat** + 5 Kg of **Wall2Floor Component B**.

Dilution: it is possible to dilute the final mix by adding up to 5% of water.

Tinting: stir **Wall2Floor Top Coat** before colouring. Tint using the **Mixcolor** colouring system by **Novacolor**.

Mix the colouring agent with **Wall2Floor Top Coat** using a gyroscopic stirrer or a mechanical spiral stirrer.

Preparing the mix: only immediately before applying the product at the job site add to each 15 kg package of **Wall2Floor Top Coat**, a 5 kg package of **Wall2Floor Component B**. The powder component (**Wall2Floor Component B**) must be added gradually and blending performed using a mechanical spiral stirrer. The mixing of the two components cannot be performed manually.

Mixing time: about three minutes to a uniform mix. The mix obtained must be a uniform, thixotropic mortar free of lumps.

Pot life of mix: approx. 120 minutes

Application equipment: stainless steel trowel.

Application: apply a first coat of **Wall2Floor Top Coat**, previously mixed with **Wall2Floor Component B** to smooth the surface. Wait for the surface to dry, usually between 6-8 hours, and then apply a second layer of

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**Wall2Floor Top Coat**, previously mixed with **Wall2Floor Component B**, and work the surface to obtain the desired aesthetic effect.

No. of coats: 2

Coverage rate (referred to the mix **Wall2Floor Top Coat + Wall2Floor Component B**): 1.2-1.5 kg/m<sup>2</sup>, on the two coats.

Drying time: touch dry after approx. 6-8 hours; over painting possible after 8 hours

**Wall2Floor Top Coat Fine:** fine decorative coating for internal and external horizontal and vertical surfaces.

Mixing ratio by weight: 15 Kg of **Wall2Floor Top Coat Fine** + 5 Kg of **Wall2Floor Component B**.

Dilution: it is possible to dilute the final mix by adding up to 5% of water.

Tinting: stir **Wall2Floor Top Coat Fine** before colouring. Tint using the **Mixcolor** colouring system by **Novacolor**. Mix the colouring agent with **Wall2Floor Top Coat Fine** using a gyroscopic stirrer or a mechanical spiral stirrer.

Preparing the mix: only immediately before applying the product at the job site add to each 15 kg package of **Wall2Floor Top Coat Fine**, a 5 kg package of **Wall2Floor Component B**. The powder component (**Wall2Floor Component B**) must be added gradually and blending performed using a mechanical spiral stirrer. The mixing of the two components cannot be performed manually.

Mixing time: about three minutes to a uniform mix. The mix obtained must be a uniform, thixotropic mortar free of lumps.

Pot life of mix: approx. 120 minutes

Application equipment: stainless steel trowel.

Application: apply a first coat of **Wall2Floor Top Coat Fine**, previously mixed with **Wall2Floor Component B** to smooth the surface. Wait for the surface to dry, usually between 6-8 hours, and then apply a second layer of **Wall2Floor Top Coat Fine**, previously mixed with **Wall2Floor Component B**, and work the surface to obtain the desired aesthetic effect.

No. of coats: 2

Coverage rate (referred to the mix **Wall2Floor Top Coat Fine + Wall2Floor Component B**): 1.0-1.2 kg/m<sup>2</sup>, with two coats.

Drying time: touch dry after approx. 6-8 hours; over painting possible after 8 hours

**Wall2Floor Component B:** powder admixture specifically for **Wall2Floor Top Coat** and **Wall2Floor Top Coat Fine**.

### Decorative ancillary products

**Wall2Floor Patina (Gold, Silver, Platino, Opaca):** decorative glaze for internal surfaces

Preparing the product: stir the product manually before use.

Tinting: stir **Wall2Floor Patina** before colouring. Tint using the **Mixcolor** colouring system by **Novacolor**.

Mix using a gyroscopic stirrer.

Dilution: the product is ready to use; do not dilute.

Application equipment: stainless steel trowel, sponge, sponge trowel.

Application: using a stainless steel trowel, sponge, or sponge trowel apply a coat of **Wall2Floor Patina**, working the surface to obtain the desired aesthetic effect.

No. of coats: 1

Coverage rate: 8-15 m<sup>2</sup>/l, with one coat.

Drying time: touch dry after approx. 6-8 hours; over painting possible after 8 hours

### Sealer

**Wall2Floor Primer:** High-penetration two-component epoxy primer

Mixing ratio by weight: 2 parts of component A + 1 part of component B

Preparing the mix: stir **Wall2Floor Primer Component A** to incorporate any sediment. Pour **Wall2Floor Primer Component B** into **Wall2Floor Primer Component A** and mix by hand for approx. 45-60 seconds.

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Dilution: dilute the final mix (0.500 l of component A + 0.250 l of component B) by adding 3 l of water.

Application equipment: mohair roller for spreading; sponge trowel for levelling.

Pot life of mix: approx. 60 minutes

Application: apply a coat of **Wall2Floor Primer** prepared in advance. Spread the product evenly and smoothly over the entire surface, ensuring saturation according to substrate porosity, using a sponge trowel. Throughout each stage of finishing, wait at least 72 hours before applying a coat over the preceding layer.

No. of coats: 1

Coverage rate (referred to A+B mix): 16-21 m<sup>2</sup>/l, with one coat.

Drying time: touch dry after approx. 10-12 hours; over painting possible after 12 hours

**Mineral Sealer**: two-component epoxy primer

Mixing ratio by weight: 10 parts of component A + 7 parts of component B

Preparing the mix: stir **Mineral Sealer A** to incorporate any sediment. Pour **Mineral Sealer B** into **Mineral Sealer A** and mix by hand for approx. 45-60 seconds.

Dilution: dilute the final mix (0.500 l of component A + 0.350 l of component B) by adding 2,5 l of water.

Application equipment: brush; sponge trowel for levelling.

Pot life of mix: approx. 60 minutes. Do not add extra water to increase the pot life.

Application: apply a coat of **Mineral Sealer** prepared in advance. Spread the product evenly and smoothly over the entire surface, ensuring saturation according to substrate porosity, using a sponge trowel. Throughout each stage of finishing, wait at least 72 hours before applying a coat over the preceding layer.

No. of coats: 1

Coverage rate (referred to A+B mix): 8-12 m<sup>2</sup>/l, with one coat.

Drying time: touch dry after approx. 10-12 hours; over painting possible after 12 hours

### Protections

**Wall2Floor Clear Finish (Matt, Satin, Glossy)**: two-component water-based polyurethane finish

Mixing ratio by weight: 10 parts of component A + 3 parts of component B

Preparing the mix: stir **Wall2Floor Clear Finish A** to incorporate any sediment. Pour **Wall2Floor Clear Finish B** into **Wall2Floor Clear Finish A** and mix by hand for approx. 45-60 seconds. You may also choose to use a mechanical stirrer with paddle at slow speed for approx. 1 minute. The final mix will be free of lumps, impurities or unmixed residues of the two components.

Dilution: it is possible to dilute the final mix by adding up to 10% of water.

Before applying each layer of **Wall2Floor Clear Finish** we advise filtering the mix using a cloth or nylon filter or a specific paint filter-funnel with a 40-90 micron mesh.

Pot life of mix: approx. 60 minutes

Application: apply a coat of **Wall2Floor Clear Finish** prepared in advance. Apply two coats of **Wall2Floor Clear Finish** prepared in advance. Spread the product evenly and over the entire surface, avoiding build-up. Be especially careful when applying around corners and edges. Wait for sufficient drying time between one layer and the other.

No. of coats: 2

Coverage rate (referred to A+B mix) 6-7 m<sup>2</sup>/l, with two coats.

Drying time: walkable after at least 24 hours; complete cure: 7 days

**Clear Finish Anti-Slip**: two-component water-based polyurethane protection

Mixing ratio by weight: 100 parts of component A + 25 parts of component B

Preparing the mix: stir **Clear Finish Anti-Slip A** to incorporate any sediment. Pour **Clear Finish Anti-Slip B** into **Clear Finish Anti-Slip A** and mix by hand for approx. 45-60 seconds. You may also choose to use a mechanical stirrer with paddle at slow speed for approx. 1 minute. The final mix will be free of lumps, impurities or unmixed residues of the two components.

Dilution: it is possible to dilute the final mix by adding up to 10% of water.

Before applying each layer of **Clear Finish Anti-Slip** we advise filtering the mix using a cloth or nylon filter or a specific paint filter-funnel with a 40-90 micron mesh.

Tools: medium hair roller

Pot life of mix: approx. 60 minutes



**Application:** apply one layer of **Clear Finish Anti-Slip** prepared in advance. Spread the product evenly and over the entire surface, avoiding build-up. Be especially careful when applying around corners and edges. Wait for sufficient drying time between one layer and the other.

**No. of coats:** 1

**Coverage rate (referred to A+B mix)** 10-14 m<sup>2</sup>/l, for each layer.

**Drying time:** walkable after at least 24 hours; complete cure: 7 days

## CLEANING THE EQUIPMENT

For all other products, use water to clean the equipment immediately after usage

## STORAGE CONDITIONS AND SHELF LIFE

Stability in the original unopened containers, stored under cover and in adequate temperature conditions: 1 year for powder products and two-component products and two years for paste products.

Maximum storage temperature: +35°C

Minimum storage temperature: +5°C.

## TINTING

Colours are obtainable using the tinting system **Mixcolor by Novacolor**. It is advisable to use only resistant colouring pastes tested on mineral systems with strongly alkaline pH. **Wall2Floor Top Coat**, **Wall2Floor Top Coat Fine**, and **Wall2Floor Patina Neutra** can be coloured. Regarding **Wall2Floor Top Coat**, this operation must always be carried out before the addition of **Wall2Floor Component B**. It is good practice to always use material from the same manufacturing batch.

## WARNINGS

Prolonged contact with soaps, oils, creams and liquids in general or with wet objects may lead to stains or smudges on the surface where the contact occurs.

Allow at least four weeks' curing before applying to newly-laid concrete substrates.

The product should be used only by personnel with experience in laying floors.

Further details may be found in the **WALL2FLOOR SYSTEM ANNEX** to the technical data sheet.

## PRECAUTIONS

Check the suitability and condition of equipment and personal protective equipment (goggles, gloves, knee pads, etc.).

Do not expose the products to direct heat or temperatures below +5 °C for long periods. If the products are stored at temperatures close to +5°C, we recommend that prior to use they are placed in an area with higher and more appropriate temperatures so that when they are to be used the product temperature will not be below +10 °C. If stored at temperatures below +10° C, place the product in a properly heated room prior to use.

Do not heat the products using a direct source of heat, flame, heat element or similar. Low temperatures increase the pot viscosity making the mix difficult to use and lengthening or inhibiting the drying and hardening process of the various products.

If the **Wall2Floor system** is to be applied on both vertical and horizontal surfaces in the same environment, we recommend applying the system firstly to vertical surfaces and then to the horizontal surfaces.

Through all the phases of application of the **Wall2Floor system**, adhesive tape must only be removed once the hardening of each layer is complete.

It is advisable to finish each work with material from the same production batch. If using different production batches it is advisable to mix the various mixes in order to avoid slight differences in hues. For jobs where the use of different production batches is unavoidable, do not apply one colour directly alongside the other. Change the batch where there are breaks in the surfaces, such as mouldings, corners, expansion joints and so on.

Ensure that a correct quantity of product is applied, especially where there are corners, sharp edges, steps

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or risers. It is advisable to protect corners, sharp edges, steps and risers, with suitable edge protection. Consider using concealed edge protections, which will be embedded into the layers of **Wall2Floor Rasal and Wall2Floor Top Coat**.

Pay particular attention when applying the product inside shower stalls or on other surfaces exposed to contact with water. Do not leave pools of water in prolonged contact with the surface.

Edge protections available on the market can be glued on the finished surface to provide additional protection especially on edges and corners.

It is good practice to always use new or thoroughly cleaned equipment; if necessary replace tools after each application cycle.

#### **Important notes:**

**The Wall2Floor is applied on site. During the application phases, marks left by the laying equipment (rollers, trowels, etc.) and the typical effects contributing to the decoration of the surface may be visible. It is advisable to take the necessary precautions to prevent that dust, insects or other materials, carried in accidentally, for example by the wind, remain embedded into the surface. It should not be forgotten that any material is subject to wear and tear and therefore to scratches. Pay particular attention when applying the product inside shower stalls or on other surfaces exposed to contact with water.**

**In shower stalls that have no ceramic pan, create a slope to allow water to drain. The construction of a shower pan must be designed during renovation or construction so as to include adequate waterproofing treatment. Do not leave pools of water in prolonged contact with the surface.**

**Prolonged contact with soaps, oils, creams and liquids in general or with wet objects may lead to stains or smudges on the surface where the contact occurs.**

#### **CLEANING AND MAINTENANCE OF SURFACES**

Do not clean the surface for the first time until the coating has hardened, generally, after a period of at least **7 days** (calculated at an average temperature of 25 °C and humidity of 60%). In general, surfaces coated with the **Wall2Floor system** can be washed with non-aggressive (neutral) detergents in cold or moderately warm water (never wash with temperatures above 40 °C to avoid thermal shocks and avoid steam cleaning). Do not use brushing machines that might affect and alter performance and aesthetic effect.

For the same reasons, do not use **strongly alkaline or acidic descaling products** that may compromise the surface coated with the **Wall2Floor system**.

The surfaces exhibit good resistance to a wide variety of substances commonly used in the home and professionally.

It is advisable to avoid prolonged contact with possibly aggressive substances by removing them quickly and cleaning with water to avoid possible corrosion of the surface of Wall2Floor.

**Avoid** prolonged contact with lemon coffee, lemon juice, tea, vinegar, tomato juice, descaling products and strongly alkaline or acidic detergents in general.

Sand and clean before performing maintenance of the surface layer. It is advisable to reapply the same finish following the instructions detailed above.

Maintenance, particularly if concentrated on a specific portion of the surface, may be visible.

#### **SAFETY**

**Irritant / risk of serious damage to eyes / skin irritant / keep out of the reach of children / avoid contact with eyes / in case of contact with eyes, rinse immediately with plenty of water and seek medical advice / wear suitable gloves and protect eyes / face / do not breathe dust / if swallowed, seek medical advice immediately and show this container or label.**

**The product must be transported, used and stored in accordance with current legislation concerning health and safety; let residues dry out completely and treat them as special waste.**

**For further information, consult the MSDS.**

N.B. COLORIFICIO NOVACOLOR guarantees that the information herein is provided to the best of its experience and its technical and scientific knowledge; however, it cannot assume any responsibility for the results obtained using these products since the conditions of application are beyond its control. We recommend that you always check the suitability of the product to each specific use. This current edition supersedes all previous information sheets.

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# Wall2Floor Primer

## Epoxy bi-component primer for the "Wall2Floor System"

### PRODUCT DESCRIPTION

**Wall2Floor Primer** is an epoxy bi-component primer, epoxy resin-based, with high penetrating powers specific for the "Wall2Floor System".

**Wall2Floor Primer** reinforces the mineral surface of the **Wall2Floor Top Coat** and optimizes the product performances of the **Wall2Floor Clear Finish** during the application and hardening phases.

### USES

Preparation of the horizontal and vertical surfaces in the "Wall2Floor System".

### IDENTIFICATION FEATURES

Density of Component A: 1,08 g/ml +/- 3%

Density of Component B: 1,04 g/ml +/- 3%

Density of the blend: 1,07 g/ml +/- 3%

### PREPARATION OF THE SUBSTRATE

See the technical data sheet of the "Wall2Floor System".

### APPLICATION

See the technical data sheet of the "Wall2Floor System".

### PREPARATION OF THE PRODUCT

Homogenize Wall2Floor Primer Component A from any sediment.

Add Wall2Floor Component B to the Wall2Floor Primer Component A and mix manually for 45-60 seconds approx.

As an alternative, you can use an electric drill, with a slow speed for 1 minute.

The mixture must not contain lumps, portions of the two components inmixed, impurities.

Mixing ratio: 2 parts of **component A** + 1 part of **component B**

### DILUTION

Dilute the obtained mixture (0,500 l of component A + 0,250 l of component B) by adding 3 l of water.

Pot life of the mixture: 60 minutes approx.

### WARNINGS

During all stages of preparation of the support, products and applications, we recommend the proper use of equipment and personal protective equipment.

Do not expose the products for long periods in direct sources of heat or at temperatures below + 5 ° C. In the case of storage of the products at a temperature close to + 5 ° C it is advisable to take them, before use, in place at the appropriate temperature, so as to be conditioned at a temperature of use of not less than + 10 ° C. Do not heat the products using a direct source of heat, flame, hot body or the like. Low temperatures increase the viscosity in the can making it difficult to use and lengthen or inhibit the process of drying and hardening of the various products. It is advisable to complete each work with materials from the same

production batch. In the case of use of different batches it is recommended to mix together the various productions.

### CLEANING EQUIPMENT

With water.

### YIELD

**Wall2Floor Primer (ref. to the mix A+B diluted)**: 16-21 m<sup>2</sup>/l per layer, depending on the required texture and on the substrate absorption.

### COLORS

Transparent.

### PACKAGING

**Wall2Floor Primer Component A**: 0,500 l

**Wall2Floor Primer Component B**: 0,250 l

### STORAGE CONDITIONS AND SHELF LIFE

The packaged products, if stored in its original and sealed package in a covered warehouse, at temperatures between +10 and 30°C, are guaranteed for 24 months.

### SAFETY INDICATIONS

EU directive 2004/42/CE:

Wall2Floor Primer (bi-component paints with high performances)

EU limit value for Wall2Floor Primer (cat A/j): 140 g/l (2010)

Wall2Floor Primer contains maximum 140 g/l di COV.

It contains epoxy: see the manufacturer's technical data sheet.

Harmful if inhaled / Irritating to respiratory system / may cause sensitization by skin contact / Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

The product must be transported, used and stored in accordance with the standards in force regarding hygiene and safety; let the residues dry out completely and treat them as special waste.

For more information see the safety data sheet.

N.B. - NOVACOLOR guarantees that the information herein is provided to the best of its technical and scientific knowledge and based on its experience; nonetheless, the company may not be held liable for the results obtained using these products, as application conditions are beyond its control. It is recommended to always make sure that the product is suited to each specific instance. The present sheet voids and replaces any previously existing sheets.

# Wall2Floor Rasal

Cement skim coat for "Wall2Floor system".

**PRODUCT DESCRIPTION** Wall2Floor Rasal is a cement leveling compound made up of selected natural sands, special binders and additives that they guarantee perfect adhesion to the substrate and excellent workability.

## APPLICATIONS

Horizontal and vertical leveling, for further information consult the technical data sheet of the "System Wall2Floor".

## IDENTIFICATION CHARACTERISTICS

Nature of the binder: White cement and synthetic resins. Appearance: powder.

**PERFORMANCE CHARACTERISTICS** Wall2Floor Rasal allows you to create a compact and uniform surface.

## SUPPORT PREPARATION

See technical data sheet of "Wall2Floor system".

## APPLICATION

See technical data sheet of "Wall2Floor system".

## DILUTION

Use 5-6 l of clean water for each 25 kg bag of product. Mix the product with a whisk drill, for about three minutes. Pot life of mix: about 60 minutes at 25 ° C, RH = 60%.

## RECOMMENDATIONS

During all phases of preparation of the substrate, products and application, the correct use of equipment and personal protective equipment (dpi) is recommended.

Do not expose the products for long periods to direct heat sources or temperatures below + 5 ° C.

If the products are stored at temperatures close to + 5 ° C, we recommend that you take them to a suitable temperature before use, in order to condition them at a temperature of use not lower than + 10 ° C. Do not heat the products using a direct source of heat, flame, hot body or similar. We recommend that you finish each job with materials from the same manufacturing batch. In the case of use of different manufactures it is advisable to mix the various productions together.

## CLEANING OF TOOLS

With water immediately after use.

## SURRENDER

**Wall2Floor Rasal (referred to dust):** 1.5-2.5 kg / m<sup>2</sup>, in the two layers, based on the type of intervention and the state of the support.

## COLORS

White.

## PACKING

25 kg bags.

## STORAGE TERMS

The material has a shelf life in the original and well sealed container of about 12 months as long as it is stored in a covered warehouse at a temperature between + 10 ° C and + 30 ° C.

Contains: cement

H318 Causes serious eye damage. H315 Causes skin irritation. H335 May cause respiratory irritation. H317 May cause an allergic skin reaction. P101 If a doctor is consulted, keep the container or product label available. P102 Keep out of the reach of children. P501 Dispose of

the product / container in accordance with national regulation.

For further information consult the safety data sheet.

NB- COLORIFICIO NOVACOLOR guarantees that the information in this sheet is provided to the best of its experience and its technical and scientific knowledge; however, it cannot assume any responsibility for the results obtained with their use as the conditions of application are beyond its control. It is advisable to always check the actual suitability of the product for each specific case. This cancels and replaces any previous card.

# Wall2Floor-Commercial System

Seamless system for the decoration of walls and floorings.

## DESCRIPTION

**Wall2Floor Commercial** is a version of **Wall2Floor** mineral coating characterised by high resistance to pedestrian traffic typical of commercial surfaces.

**Wall2Floor Commercial** thanks to the combination of **Wall2Floor Block** a two-component epoxy primer and **Wall2Floor Epoxy Binder** a three-component epoxy-based cementitious skim coat can create a compact and impact-resistant base. Finishing with one of the **Wall2Floor Clear Finish** paints creates a high abrasion-resistant finished surface, an essential prerequisite for all surfaces subject to high pedestrian traffic.

**Wall2Floor Commercial** is suitable for decorating horizontal and vertical internal surfaces.

**Wall2Floor Commercial** performance was tested for resistance to wear and tear according to **UNI EN ISO 5470-1** and for resistance to impact according to **UNI EN ISO 6272**.

## APPLICATIONS

**Wall2Floor Commercial** represents a perfect solution for any residential and commercial needs, such as showrooms, reception areas, hotels and public offices. The various solutions offered, specific for each intended use can meet the needs of a variety of areas of application.

The **Wall2Floor system** can be applied to:

- Concrete
- Screeds (traditional cement screeds, heated or floating screeds, etc.).
- Surfaces covered with ceramic, porcelain and mosaic tiling
- Surfaces with existing epoxy or polyurethane coatings
- Surfaces in natural and rebuilt stone
- Mineral conglomerates of various kinds, provided they are absorbent
- New and old plasters based on hydraulic binders
- Organic or mineral decorative coatings
- Surfaces in plaster and plasterboard (only vertical).

## Requirements:

Surfaces must be clean, dry and compact and free from flaking, salt bloom or damp, wax, oil and dust.

When applying to heated screeds, ensure that all necessary tests have been completed before the application of the **Wall2Floor system** to avoid the formation of condensation, cracks or lesions on the surface, which are in no way connected to the application of the **Wall2Floor system**.

In shower stalls that have no ceramic pan, create a slope to allow water to drain.

**Dynamic joints must remain free to absorb any structural movement that may occur; they must not be joined or covered for any reason.**

## UNSUITABLE SUBSTRATES

The **Wall2Floor system cannot** be applied to forkliftable surfaces, horizontal or vertical substrates that do not offer the necessary guarantees in terms of bonding and dimensional stability.

The following substrates are not suitable:

- Forkliftable surfaces
- Wooden flooring
- Linoleum.
- Pre-finished wooden flooring.
- Painted and unpainted metal surfaces.
- Glass surfaces or concrete and glass blocks.
- Moist surfaces or surfaces with rising damp.
- Do not apply to bathroom fittings or other substrates where water may collect.

## PREPARATION AND APPLICATION OF PRODUCTS OF THE WALL2FLOOR SYSTEM

### Horizontal surfaces

	TRADITIONAL SCREEDS, CONCRETE, MINERAL CONGLOMERATES	SURFACES COVERED WITH CERAMIC TILING, IN NATURAL AND REBUILT STONE; SURFACES WITH EPOXY OR POLYURETHANE COATINGS	NON-PLANAR ABSORBENT MINERAL SURFACES
Wall2Floor Rete	•	•	•
Wall2Floor Block (A+B)	•	•	•
Wall2Floor Block (A+B) + Wall2Floor Sand	•	•	•
Wall2Floor Easyflat			•
Wall2Floor Epoxy Binder (A+B) + Wall2Floor Rasal	•	•	•
2 coats of Wall2Floor Top Coat + Wall2Floor Component B  or  2 coats of Wall2Floor Top Coat Fine + Wall2Floor Component B	•  •*	•  •*	•  •*
Wall2Floor Patina	•**	•**	•**
Wall2Floor Primer	•	•	•
Mineral Sealer	•*	•*	•*
2 coats of Clear Finish (Matt/Satin/Glossy) (A+B)	•	•	•
Clear Finish Anti-Slip (A+B)	•***	•***	•***

\*When applying Wall2Floor Top Coat Fine apply Mineral Sealer

\*\*If decorating with Wall2Floor Patina apply it before applying Wall2Floor Primer

You must use either Wall2Floor Top Coat or Wall2Floor Top Coat Fine

\*\*\* Clear Finish Anti-Slip is a technical product with anti-slip properties. The application of one layer of Clear Finish Anti-Slip permits to achieve a coefficient of slip-resistance, as reported in the specific technical data sheet.

Clean the equipment immediately after use; for Wall2Floor Block A and B, Wall2Floor Block (A+B) + Wall2Floor Sand clean the equipment using a nitro thinner.

## PREPARATION AND APPLICATION OF PRODUCTS OF THE WALL2FLOOR SYSTEM

### Vertical Surfaces

	TRADITIONAL SCREEDS, CONCRETE, MINERAL CONGLOMERATES	SURFACES COVERED WITH CERAMIC TILING, IN NATURAL AND REBUILT STONE; SURFACES WITH EPOXY OR POLYURETHANE COATINGS	NON-PLANAR ABSORBENT MINERAL SURFACES
<b>Decofix</b>	•		•
<b>Wall2Floor Athena</b>		•	
<b>Wall2Floor Rasal</b>		•	•
<b>Wall2Floor Rete</b>		•	•
<b>Wall2Floor Rasal</b>		•	•
2 coats of <b>Wall2Floor Top Coat + Wall2Floor Component B</b>	•	•	•
or			
2 coats of <b>Wall2Floor Top Coat Fine + Wall2Floor Component B</b>	•*	•*	•*
<b>Wall2Floor Patina</b>	•**	•**	•**
<b>Wall2Floor Primer</b>	•	•	•
<b>Mineral Sealer</b>	•*	•*	•*
2 coats of <b>Wall2Floor Clear Finish (Matt/Satin/Glossy) (A+B)</b>	•	•	•

\*When applying **Wall2Floor Top Coat Fine** apply **Mineral Sealer**

\*\*If decorating with **Wall2Floor Patina** apply it before applying **Wall2Floor Primer**

You must use either **Wall2Floor Top Coat** or **Wall2Floor Top Coat Fine**

### ENVIRONMENTAL CONDITIONS

Protect the surfaces from freezing and thermal shocks throughout the application. Do not apply when air, substrate or product temperatures are below +10°C or above +35°C, or under direct sunlight or on hot surfaces (even when in shadow), nor on damp or wet surfaces.

The required environmental and substrate conditions for the application of the **Wall2Floor system** are:

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- Ambient temperature: Min. +10 °C / Max. +35 °C
- Relative ambient humidity: <75%
- Substrate temperature: Min. +10 °C / Max. +35 °C
- Relative humidity of the substrate: <4%

Failure to observe the conditions listed above may cause flaws or defects in the physical and chemical characteristics of the products and affect the aesthetic performance of the **Wall2Floor system**.

#### Ancillary Technical Products:

**Wall2Floor Rete:** an alkali resistant fiberglass mesh with nominal weight between 70-90 ± 5% g/m<sup>2</sup>

The mesh must be incorporated in the first layer without overlapping the ends.

Dimensions: length 50.0 m and width 1.0 m.

#### Primers

**Wall2Floor Block:** two-component epoxy steam barrier

Residual humidity: < 5%

Mixing ratio by weight: (100÷60): 3.3 Kg of **Wall2Floor Block Component A** + 2.0 Kg **Wall2Floor Block Component B**.

Preparing the mix: stir **Wall2Floor Block Component A** to incorporate any sediment. Pour **Wall2Floor Block Component B** into **Wall2Floor Block Component A** and mix by hand for approx. 45-60 seconds. You may also choose to use a mechanical stirrer with paddle at slow speed for approx. 1 minute. The final mix will be free of lumps, impurities or unmixed residues of the two components.

Dilution: the product cannot be diluted.

Pot life of mix: approx. 60 minutes

Application equipment: roller.

Application: before applying, place an alkali resistant fiberglass mesh with nominal weight between 70-90 ± 5% g/m<sup>2</sup> on the surface (**Wall2Floor Rete**). Draw the ends close without overlapping. Cover the mesh by applying **Wall2Floor Block** with a roller, making sure to spread the product evenly and over the entire surface.

No. of coats: 1

Coverage rate (referred to A+B mix) 0.300-0.400 Kg/m<sup>2</sup> per coat

Drying time: touch dry after approx. 4-6 hours; over painting possible after 8 hours

**Wall2Floor Block + Wall2Floor Sand:** Tri-component quartz epoxy primer

Mixing ratio by weight: 3.3 Kg of **Wall2Floor Block Component A** + 2.0 Kg **Wall2Floor Block Component B** + 10.75 Kg of **Wall2Floor Sand** (quartz sand 0.3-0.9 mm).

Preparing the mix: stir **Wall2Floor Block Component A** to incorporate any sediment. Pour **Wall2Floor Block Component B** into **Wall2Floor Primer Component A** and mix for approx. 45-60 seconds. Add **Wall2Floor Sand** gradually to the obtained mix while stirring continuously. Use a mechanical spiral stirrer to blend the mix; this operation cannot be performed manually.

Mixing time: about three minutes to a uniform mix. The mix obtained must be uniform and free of lumps.

**While using, continue to blend the mix manually to prevent sand stratification**

Dilution: the product cannot be diluted.

Pot life of mix: approx. 60 minutes

Application equipment: stainless steel trowel.

Application: apply a layer of the above mixture making sure to cover the mesh. For proper use of the material and not to alter its performance and features, stir the mortar frequently.

No. of coats: 1

Coverage rate (referred to A+B mix + Wall2Floor Sand): 3.6-4.0 Kg/m<sup>2</sup> per coat.

Drying time: touch dry after approx. 6-8 hours; over painting possible after 12 hours

## Skim coats

**Wall2Floor Easyflat:** Cement-based self-leveling mortar with low shrinkage.

Mixing ratio: use 4 litres of clean water for each 25 kg **Wall2Floor Easyflat**.

Preparing the mix: pour the mixing water into a clean container. Slowly add **Wall2Floor Easyflat** to the water using a mechanical spiral stirrer.

Mixing time: about three minutes to a uniform mix. The mix obtained must be a uniform, thixotropic mortar free of lumps. Stirring cannot be performed manually.

Pot life of mix: approx. 20 minutes

Application equipment: stainless steel trowel.

Application: apply a layer of **Wall2Floor Easyflat**, spread the product evenly and over the entire surface. The product can be applied in thicknesses from 3 mm to 20 mm. Separate the surface in sections for thicknesses greater than 3 mm.

No. of coats: 1

Coverage rate (referred to powder): 2.5-6.8 kg/m<sup>2</sup> for thicknesses of 5 mm, per each coat.

Drying time for thicknesses up to 3 mm: touch dry after approx. 6-8 hours; over painting possible after 12 hours; for thicknesses greater than 3 mm up to 3 days.

**Wall2Floor Epoxy Binder Component A and B + Wall2Floor Rasal:** three-component epoxy-cementitious skim coat

Mixing ratio by weight: 2 parts of **Wall2Floor Epoxy Binder Component A** (1.6 l) + 1 part **Wall2Floor Epoxy Binder Component B** (0.8 l) + 25 Kg of **Wall2Floor Rasal**.

Dilution: the final mix (1.6 l of component A + 0.8 l of component B) must be diluted by adding 2.5 l of water.

Preparing the mix: stir **Wall2Floor Epoxy Binder Component A** to incorporate any sediment. Pour **Wall2Floor Epoxy Binder Component B** into **Wall2Floor Epoxy Binder Component A** and mix for approx. 45-60 seconds. Add **Wall2Floor Rasal** gradually to the obtained mix while stirring continuously. Use a mechanical spiral stirrer to blend the mix; this operation cannot be performed manually.

Mixing time: about three minutes to a uniform mix. The mix obtained must be a uniform, thixotropic mortar free of lumps.

**Periodically blend the mix to prevent the stratification of inert matter.**

Pot life of mix: approx. 60 minutes

Application equipment: stainless steel trowel.

Application: apply a coat of **Wall2Floor Epoxy Binder Component A and B + Wall2Floor Rasal** evenly on the surface.

No. of coats: 1

Coverage rate (referred to A+B mix + Wall2Floor Rasal): 2.0-2.5 Kg/m<sup>2</sup> per coat

Drying time for thicknesses up to 3 mm: touch dry after approx. 6-8 hours; over painting possible after 12 hours.

**Wall2Floor Rasal:** preparation cementitious skim coat.

Mixing ratio: use 5-6 litres of clean water for each 25 kg package of **Wall2Floor Rasal**.

Preparing the mix: pour the mixing water into a clean container. Slowly add **Wall2Floor Rasal** to the water using a mechanical spiral stirrer.

Mixing time: about three minutes to a uniform mix. The mix obtained must be a uniform, thixotropic mortar free of lumps. Stirring cannot be performed manually.

Pot life of mix: approx. 120 minutes

Application equipment: stainless steel trowel.

Application on vertical substrates: apply a first coat of **Wall2Floor Rasal** incorporating an alkali resistant fiberglass mesh with nominal weight between 70-90 ± 5% g/m<sup>2</sup> (**Wall2Floor Rete**). Draw the ends close without overlapping. Wait for the surface to dry, usually between 6-8 hours, and then apply a second layer of **Wall2Floor Rasal** with stainless steel trowel to level the surface.

No. of coats: 2

Coverage rate (referred to powder): 0.8-2.5 Kg/m<sup>2</sup> per coat

Drying time: touch dry after approx. 6-8 hours; over painting possible after 8 hours

### Decorative coatings

**Wall2Floor Top Coat:** decorative coating for horizontal and vertical surfaces.

Mixing ratio by weight: 15 Kg of **Wall2Floor Top Coat** + 5 Kg of **Wall2Floor Component B**.

Dilution: it is possible to dilute the final mix by adding up to 5% of water.

Tinting: stir **Wall2Floor Top Coat** before colouring. Tint using the **Mixcolor** colouring system by **Novacolor**.

Mix the colouring agent with **Wall2Floor Top Coat** using a gyroscopic stirrer or a mechanical spiral stirrer.

Preparing the mix: only immediately before applying the product at the job site add to each 15 kg package of **Wall2Floor Top Coat**, a 5 kg package of **Wall2Floor Component B**. The powder component (**Wall2Floor Component B**) must be added gradually and blending performed using a mechanical spiral stirrer. The mixing of the two components cannot be performed manually.

Mixing time: about three minutes to a uniform mix. The mix obtained must be a uniform, thixotropic mortar free of lumps.

Pot life of mix: approx. 120 minutes

Application equipment: stainless steel trowel.

Application: apply a first coat of **Wall2Floor Top Coat**, previously mixed with **Wall2Floor Component B** to smooth the surface. Wait for the surface to dry, usually between 6-8 hours, and then apply a second layer of **Wall2Floor Top Coat**, previously mixed with **Wall2Floor Component B**, and work the surface to obtain the desired aesthetic effect.

No. of coats: 2

Coverage rate (referred to the mix Wall2Floor Top Coat + Wall2Floor Component B): 1.2-1.5 kg/m<sup>2</sup>, on the two coats.

Drying time: touch dry after approx. 6-8 hours; over painting possible after 8 hours

**Wall2Floor Top Coat Fine:** fine decorative coating for internal and external horizontal and vertical surfaces.

Mixing ratio by weight: 15 Kg of **Wall2Floor Top Coat Fine** + 5 Kg of **Wall2Floor Component B**.

Dilution: it is possible to dilute the final mix by adding up to 5% of water.

Tinting: stir **Wall2Floor Top Coat Fine** before colouring. Tint using the **Mixcolor** colouring system by **Novacolor**. Mix the colouring agent with **Wall2Floor Top Coat Fine** using a gyroscopic stirrer or a mechanical spiral stirrer.

Preparing the mix: only immediately before applying the product at the job site add to each 15 kg package of **Wall2Floor Top Coat Fine**, a 5 kg package of **Wall2Floor Component B**. The powder component (**Wall2Floor Component B**) must be added gradually and blending performed using a mechanical spiral stirrer. The mixing of the two components cannot be performed manually.

Mixing time: about three minutes to a uniform mix. The mix obtained must be a uniform, thixotropic mortar free of lumps.

Pot life of mix: approx. 120 minutes

Application equipment: stainless steel trowel.

Application: apply a first coat of **Wall2Floor Top Coat Fine**, previously mixed with **Wall2Floor Component B** to smooth the surface. Wait for the surface to dry, usually between 6-8 hours, and then apply a second layer of **Wall2Floor Top Coat Fine**, previously mixed with **Wall2Floor Component B**, and work the surface to obtain the desired aesthetic effect.

No. of coats: 2

Coverage rate (referred to the mix Wall2Floor Top Coat Fine + Wall2Floor Component B): 1.0-1.2 kg/m<sup>2</sup>, with two coats.

Drying time: touch dry after approx. 6-8 hours; over painting possible after 8 hours

**Wall2Floor Component B:** powder admixture specifically for **Wall2Floor Top Coat** and **Wall2Floor Top Coat Fine**.

### Decorative ancillary products

**Wall2Floor Patina (Gold, Silver, Platino, Opaca):** decorative glaze for internal surfaces

Preparing the product: stir the product manually before use.

Tinting: stir **Wall2Floor Patina** before colouring. Tint using the **Mixcolor** colouring system by **Novacolor**.

Mix using a gyroscopic stirrer.

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Dilution: the product is ready to use; do not dilute.

Application equipment: stainless steel trowel, sponge, sponge trowel.

Application: using a stainless steel trowel, sponge, or sponge trowel apply a coat of **Wall2Floor Patina**, working the surface to obtain the desired aesthetic effect.

No. of coats: 1

Coverage rate: 8-15 m<sup>2</sup>/l, with one coat.

Drying time: touch dry after approx. 6-8 hours; over painting possible after 8 hours

### Sealer

**Wall2Floor Primer:** High-penetration two-component epoxy primer

Mixing ratio by weight: 2 parts of component A + 1 part of component B

Preparing the mix: stir Wall2Floor Primer Component A to incorporate any sediment. Pour **Wall2Floor Primer Component B** into **Wall2Floor Primer Component A** and mix by hand for approx. 45-60 seconds.

Dilution: dilute the final mix (0.500 l of component A + 0.250 l of component B) by adding 3 l of water.

Application equipment: mohair roller for spreading; sponge trowel for levelling.

Pot life of mix: approx. 60 minutes

Application: apply a coat of **Wall2Floor Primer** prepared in advance. Spread the product evenly and smoothly over the entire surface, ensuring saturation according to substrate porosity, using a sponge trowel. Throughout each stage of finishing, wait at least 72 hours before applying a coat over the preceding layer.

No. of coats: 1

Coverage rate (referred to A+B mix): 16-21 m<sup>2</sup>/l, with one coat.

Drying time: touch dry after approx. 10-12 hours; over painting possible after 12 hours

**Mineral Sealer:** two-component epoxy primer

Mixing ratio by weight: 10 parts of component A + 7 parts of component B

Preparing the mix: stir **Mineral Sealer A** to incorporate any sediment. Pour **Mineral Sealer B** into **Mineral Sealer A** and mix by hand for approx. 45-60 seconds.

Dilution: dilute the final mix (0.500 l of component A + 0.350 l of component B) by adding 2,5 l of water.

Application equipment: brush; sponge trowel for levelling.

Pot life of mix: approx. 60 minutes. Do not add extra water to increase the pot life.

Application: apply a coat of **Mineral Sealer** prepared in advance. Spread the product evenly and smoothly over the entire surface, ensuring saturation according to substrate porosity, using a sponge trowel. Throughout each stage of finishing, wait at least 72 hours before applying a coat over the preceding layer.

No. of coats: 1

Coverage rate (referred to A+B mix): 8-12 m<sup>2</sup>/l, with one coat.

Drying time: touch dry after approx. 10-12 hours; over painting possible after 12 hours

### Protections

**Clear Finish Bi-Component (Matt, Satin, Glossy):** two-component water-based polyurethane finish

Mixing ratio by weight: 10 parts of component A + 3 parts of component B

Preparing the mix: stir **Clear Finish A** to incorporate any sediment. Pour **Clear Finish B** into **Clear Finish A** and mix by hand for approx. 45-60 seconds. You may also choose to use a mechanical stirrer with paddle at slow speed for approx. 1 minute. The final mix will be free of lumps, impurities or unmixed residues of the two components.

Dilution: it is possible to dilute the final mix by adding up to 10% of water.

Before applying each layer of **Clear Finish** we advise filtering the mix using a cloth or nylon filter or a specific paint filter-funnel with a 40-90 micron mesh.

Pot life of mix: approx. 60 minutes

Application: apply a coat of **Clear Finish** prepared in advance. Apply two coats of **Clear Finish** prepared in advance. Spread the product evenly and over the entire surface, avoiding build-up. Be especially careful when applying around corners and edges. Wait for sufficient drying time between one layer and the other.

No. of coats: 2

Coverage rate (referred to A+B mix) 6-7 m<sup>2</sup>/l, with two coats.

Drying time: walkable after at least 24 hours; complete cure: 7 days

**Clear Finish Anti-Slip:** two-component water-based polyurethane protection

Mixing ratio by weight: 100 parts of component A + 25 parts of component B

Preparing the mix: stir **Clear Finish Anti-Slip A** to incorporate any sediment. Pour **Clear Finish Anti-Slip B** into **Clear Finish Anti-Slip A** and mix by hand for approx. 45-60 seconds. You may also choose to use a mechanical stirrer with paddle at slow speed for approx. 1 minute. The final mix will be free of lumps, impurities or unmixed residues of the two components.

Dilution: it is possible to dilute the final mix by adding up to 10% of water.

Before applying each layer of **Clear Finish Anti-Slip** we advise filtering the mix using a cloth or nylon filter or a specific paint filter-funnel with a 40-90 micron mesh.

Tools: medium hair roller

Pot life of mix: approx. 60 minutes

Application: apply one layer of **Clear Finish Anti-Slip** prepared in advance. Spread the product evenly and over the entire surface, avoiding build-up. Be especially careful when applying around corners and edges. Wait for sufficient drying time between one layer and the other.

No. of coats: 1

Coverage rate (referred to A+B mix) 10-14 m<sup>2</sup>/l, for each layer.

Drying time: walkable after at least 24 hours; complete cure: 7 days

## CLEANING THE EQUIPMENT

Clean the equipment immediately after use. For **Wall2Floor Block A** and **B**, **Wall2Floor Block (A+B)** + **Wall2Floor Sand** clean the equipment using a nitro thinner.

For all other products, use water to clean the equipment.

## STORAGE CONDITIONS AND SHELF LIFE

Stability in the original unopened containers, stored under cover and in adequate temperature conditions: 1 year for powder products and two-component products and two years for paste products.

Maximum storage temperature: +35°C

Minimum storage temperature: +5°C.

## TINTING

Colours are obtainable using the tinting system Mixcolor by Novacolor. It is advisable to use only resistant colouring pastes tested on mineral systems with strongly alkaline pH. **Wall2Floor Top Coat**, **Wall2Floor Top Coat Fine**, and **Wall2Floor Patina Neutra** can be coloured. Regarding **Wall2Floor Top Coat**, this operation must always be carried out before the addition of **Wall2Floor Component B**. It is good practice to always use material from the same manufacturing batch.

## WARNINGS

Prolonged contact with soaps, oils, creams and liquids in general or with wet objects may lead to stains or smudges on the surface where the contact occurs.

Allow at least four weeks' curing before applying to newly-laid concrete substrates.

The product should be used only by personnel with experience in laying floors.

Further details may be found in the **WALL2FLOOR SYSTEM ANNEX** to the technical data sheet.

## PRECAUTIONS

Check the suitability and condition of equipment and personal protective equipment (goggles, gloves, knee pads, etc.).

Do not expose the products to direct heat or temperatures below +5 °C for long periods. If the products are stored at temperatures close to +5°C, we recommend that prior to use they are placed in an area with higher and more appropriate temperatures so that when they are to be used the product temperature will not be



below +10 °C. If stored at temperatures below +10° C, place the product in a properly heated room prior to use.

Do not heat the products using a direct source of heat, flame, heat element or similar. Low temperatures increase the pot viscosity making the mix difficult to use and lengthening or inhibiting the drying and hardening process of the various products.

If the **Wall2Floor system** is to be applied on both vertical and horizontal surfaces in the same environment, we recommend applying the system firstly to vertical surfaces and then to the horizontal surfaces.

Through all the phases of application of the **Wall2Floor system**, adhesive tape must only be removed once the hardening of each layer is complete.

It is advisable to finish each work with material from the same production batch. If using different production batches it is advisable to mix the various mixes in order to avoid slight differences in hues. For jobs where the use of different production batches is unavoidable, do not apply one colour directly alongside the other. Change the batch where there are breaks in the surfaces, such as mouldings, corners, expansion joints and so on.

Ensure that a correct quantity of product is applied, especially where there are corners, sharp edges, steps or risers. It is advisable to protect corners, sharp edges, steps and risers, with suitable edge protection. Consider using concealed edge protections, which will be embedded into the layers of **Wall2Floor Rasal and Wall2Floor Top Coat**.

Pay particular attention when applying the product inside shower stalls or on other surfaces exposed to contact with water. Do not leave pools of water in prolonged contact with the surface.

Edge protections available on the market can be glued on the finished surface to provide additional protection especially on edges and corners.

It is good practice to always use new or thoroughly cleaned equipment; if necessary replace tools after each application cycle.

#### **Important notes:**

**The Wall2Floor is applied on site. During the application phases, marks left by the laying equipment (rollers, trowels, etc.) and the typical effects contributing to the decoration of the surface may be visible. It is advisable to take the necessary precautions to prevent that dust, insects or other materials, carried in accidentally, for example by the wind, remain embedded into the surface. It should not be forgotten that any material is subject to wear and tear and therefore to scratches. Pay particular attention when applying the product inside shower stalls or on other surfaces exposed to contact with water.**

**In shower stalls that have no ceramic pan, create a slope to allow water to drain. The construction of a shower pan must be designed during renovation or construction so as to include adequate waterproofing treatment. Do not leave pools of water in prolonged contact with the surface. Prolonged contact with soaps, oils, creams and liquids in general or with wet objects may lead to stains or smudges on the surface where the contact occurs.**

#### **CLEANING AND MAINTENANCE OF SURFACES**

Do not clean the surface for the first time until the coating has hardened, generally, after a period of at least **7 days** (calculated at an average temperature of 25 °C and humidity of 60%). In general, surfaces coated with the **Wall2Floor system** can be washed with non-aggressive (neutral) detergents in cold or moderately warm water (never wash with temperatures above 40 °C to avoid thermal shocks and avoid steam cleaning).

Do not use brushing machines that might affect and alter performance and aesthetic effect.

For the same reasons, do not use **strongly alkaline or acidic descaling products** that may compromise the surface coated with the **Wall2Floor system**.

The surfaces exhibit good resistance to a wide variety of substances commonly used in the home and professionally.

It is advisable to avoid prolonged contact with possibly aggressive substances by removing them quickly and cleaning with water to avoid possible corrosion of the surface of Wall2Floor.

**Avoid** prolonged contact with lemon coffee, lemon juice, tea, vinegar, tomato juice, descaling products and strongly alkaline or acidic detergents in general.

Sand and clean before performing maintenance of the surface layer. It is advisable to reapply the same finish following the instructions detailed above.

Maintenance, particularly if concentrated on a specific portion of the surface, may be visible.



**SAFETY**

**Irritant / risk of serious damage to eyes / skin irritant / keep out of the reach of children / avoid contact with eyes / in case of contact with eyes, rinse immediately with plenty of water and seek medical advice / wear suitable gloves and protect eyes / face / do not breathe dust / if swallowed, seek medical advice immediately and show this container or label.**

**The product must be transported, used and stored in accordance with current legislation concerning health and safety; let residues dry out completely and treat them as special waste.**

**For further information, consult the MSDS.**

N.B. COLORIFICIO NOVACOLOR guarantees that the information herein is provided to the best of its experience and its technical and scientific knowledge; however, it cannot assume any responsibility for the results obtained using these products since the conditions of application are beyond its control. We recommend that you always check the suitability of the product to each specific use. This current edition supersedes all previous information sheets.

# Wall2Floor Component B

Powder additive for Wall2Floor Top Coat.

**PRODUCT DESCRIPTION** Wall2Floor Component B is a powder additive specific for the "Wall2Floor system".

#### APPLICATIONS

To be used only in addition to **Wall2Floor Top Coat**.

#### IDENTIFICATION CHARACTERISTICS

Powder product

#### SUPPORT PREPARATION

Consult the technical data sheet of "**Wall2Floor system**".

#### APPLICATION

Consult the technical data sheet of "**Wall2Floor system**".

#### DILUTION

Add to **Wall2Floor Top Coat**, before installation, following the procedures described below and reported in the technical data sheet "**Wall2Floor system**".

#### With the addition Wall2Floor Component B to Wall2Floor Top Coat

it must be gradual and must always take place under mechanical mixing with a drill equipped with a whisk for about three minutes. Pot life of mix: approximately 90 minutes.

#### CLEANING OF TOOLS

With water immediately after use.

#### COLOR I

White.

#### PACKING

Packs of 5 kg.

#### STORAGE TERMS

The material has a shelf life, stored in its original packaging for 12 months as long as it is stored in a covered warehouse at a temperature between + 10 ° C and + 30 ° C.

Avoid damp storage rooms and protect from water to avoid material deterioration.

Contains: cement

H318 Causes serious eye damage. H315 Causes skin irritation. H335 May cause respiratory irritation. H317 May cause an allergic skin reaction. P101 If a doctor is consulted, keep the container or product label available. P102

Keep out of reach of children. P501 Dispose of contents / container in accordance with national regulations. For further information consult the safety data sheet.

NB- COLORIFICIO NOVACOLOR guarantees that the information in this sheet is provided to the best of its experience and its technical and scientific knowledge; however, it cannot assume any responsibility for the results obtained with their use as the conditions of application are beyond its control. It is advisable to always check the actual suitability of the product for each specific case. This cancels and replaces any previous card.

# Wall2Floor Easyflat

Low shrinkage cement level for "Wall2Floor system".

**PRODUCT DESCRIPTION** Wall2Floor Easyflat is a low shrinkage cement level, made up of selected natural sands, binders and special additives that guarantee perfect adhesion to the substrate and excellent workability.

Wall2Floor Easyflat it can be applied in thicknesses between 3 mm and 20 mm per layer. To obtain thicknesses greater than 3 mm, the surface must be divided into compartments.

## APPLICATIONS

Horizontal leveling on non-planar absorbent mineral surfaces, for further information consult the technical data sheet "Wall2Floor system".

## IDENTIFICATION CHARACTERISTICS

Nature of the binder: White cement and synthetic resins. Appearance: powder.

**PERFORMANCE CHARACTERISTICS** Wall2Floor Easyflat allows you to create a compact and uniform surface.

## SUPPORT PREPARATION

See technical data sheet of "Wall2Floor system".

## APPLICATION

See technical data sheet of "Wall2Floor system".

## DILUTION

Use 4 l of clean water for each 25 kg bag of product. Mix the product with a mechanical mixer equipped with a whisk for about three minutes, the mixture obtained must not have lumps, unmixed portions of the components, impurities. Pot life of mix: approximately 20 minutes at 25 ° C, RH = 60%. Drying time varies greatly depending on the thickness applied and the environmental conditions. Up to 3 mm of thickness applied about 6-8 hours; over 3 mm thickness applied up to 3 days.

## RECOMMENDATIONS

During all phases of preparation of the substrate, products and application, the correct use of equipment and personal protective equipment (dpi) is recommended.

Do not expose the products for long periods to direct heat sources or temperatures below + 5 ° C.

If the products are stored at temperatures close to + 5 ° C, we recommend that you take them to a suitable temperature before use, in order to condition them at a temperature of use not lower than + 10 ° C. Do not heat the products using a direct source of heat, flame, hot body or similar. We recommend that you finish each job with materials from the same manufacturing batch. In the case of use of different manufactures it is advisable to mix the various productions together. For the correct use of the mentioned materials, dilution and installation, please refer to a careful reading of the relative technical data sheet.

During all phases of preparation of the substrate, products and application, the correct use of equipment and personal protective equipment (dpi) is recommended.

## CLEANING OF TOOLS

With water immediately after use.

## SURRENDER

**Wall2Floor Easyflat (referring to dust): 2.5 - 6.8 kg / m<sup>2</sup>, per layer, for thicknesses of 5 mm.** It is advisable to check the actual yield with a preliminary test on the specific support.

## COLOR

Not tinted.

## PACKING

25 kg bags.

## STORAGE TERMS

The material has a shelf life in the original and well sealed container of about 12 months as long as it is stored in a covered warehouse at a temperature between + 10 ° C and + 30 ° C.

Contains: cement

H318 Causes serious eye damage. H315 Causes skin irritation. H335 May cause respiratory irritation. H317 May cause an allergic skin reaction. P101 If a doctor is consulted, keep the container or product label available. P102 Keep out of the reach of children. P501 Dispose of contents / container in accordance with national regulations.

For further information consult the safety data sheet.

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# Wall2Floor Epoxy Binder

Three-component epoxy-cement leveling compound for "Wall2Floor system"

**PRODUCT DESCRIPTION** Wall2Floor Epoxy Binder is a two-component epoxy binder.

**Wall2Floor Epoxy Binder mixed with Wall2Floor Rasal**

allows you to create a three-component, epoxy-cementitious smoothing compound "Wall2Floor system".

**APPLICATIONS**

Surface preparation horizontal in "System Wall2Floor".

**IDENTIFICATION CHARACTERISTICS**

Mixture density: 1.07 g / ml +/- 3%  
Pot life: approximately 60 minutes at 25 ° C, RH = 60%.

Do not add additional water to extend the pot-life of the mixture.

**SUPPORT PREPARATION**

Consult the technical data sheet of "Wall2Floor system".

**APPLICATION**

Consult the technical data sheet of "Wall2Floor system".  
Drying time: to the touch about 6-8 hours; can be painted over after 12 hours.

**MIXTURE PREPARATION**

**Homogenize the Component A from any sedimentation. Pour the Component B in Component A and mix manually for about 45-60 seconds. Alternatively, it is possible to mix with a mechanical mixer equipped with a whisk under slow stirring for about 1 minute. Dilute the obtained mixture with 2,5 l of water and add Wall2Floor Rasal continuing to mix with a mechanical mixer equipped with a whisk under slow stirring for about 1 minute.**

The mixture obtained must not have lumps, unmixed portions of the components, impurities.

**Catalysis by weight ratio : 1.6 l of Component A + 0.8 l of Component B + 2.5 l of water + 25 Kg Wall2Floor Rasal.**

**RECOMMENDATIONS**

During all phases of preparation of the substrate, products and application, the correct use of equipment and personal protective equipment (dpi) is recommended.

Do not expose the products for long periods to direct heat sources or temperatures below + 5 ° C.

If the products are stored at temperatures close to + 5 ° C, we recommend that you take them to a suitable temperature before use, so as to condition them to one

operating temperature not lower than + 10 ° C. Do not heat the products using a direct source of heat, flame, hot body or similar.

Low temperatures increase viscosities in a can making it difficult to use and lengthen or inhibit the drying and hardening process of the various products.

We recommend that you finish each job with materials from the same manufacturing batch. In the case of use of different manufactures it is advisable to mix the various productions together.

**CLEANING OF TOOLS**

With water, immediately after use.

**SURRENDER**

**Wall2Floor Epoxy Binder (A + B) + Wall2Floor Rasal: 2.0 - 2.5 Kg / m<sup>2</sup> per single layer, according to the degree of finish of the substrate and its absorption.**

**COLORS**

Not tinted.

**PACKING**

**Wall2Floor Epoxy Binder Component A: 1.6 l**

**Wall2Floor Epoxy Binder Component B: 0.8 l**

**STORAGE TERMS**

The material has a shelf life of 12 months provided it is stored in a covered warehouse at a temperature between + 10 ° C and + 30 ° C.

**SAFETY INDICATIONS**

Directive 2004/42 / EC: Wall2Floor

Epoxy Binder (high bi-component paints performance)

EU limit value for Wall2Floor Epoxy Binder (cat A / j): 140 g / l (2010)

Wall2Floor Epoxy Binder contains a maximum of 140 g / l of VOC.

Contains epoxies: read the information provided by the manufacturer / Harmful by inhalation / Irritating to respiratory system / May cause sensitization by skin contact / Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

The product must be transported, used and stored according to the current regulations of hygiene and safety; leave to dry completely the residues and treat them with special waste. For further information consult the safety data sheet.

NB- COLORIFICIO NOVACOLOR guarantees that the information in this sheet is provided to the best of its experience and its technical and scientific knowledge; however, it cannot assume any responsibility for the results obtained with their use as the conditions of application are beyond its control. It is advisable to always check the actual suitability of the product for each specific case. This cancels and replaces any previous card.

# Clear Finish Anti-Slip

## Bi-component functional protective polyurethane for "Wall2Floor System"

**PRODUCT DESCRIPTION** Clear Finish Anti-Slip is a functional protective with non-slip properties of

easy cleaning and maintenance, resistant  
abrasion, specific for i **Wall2Floor Wellness systems** is  
**Wall2Floor Outdoor**.

Used as the last protective layer, it is particularly suitable for indoor and outdoor environments subject to barefoot pedestrian transit and fitted in the presence of moisture or water. Suitable for residential and commercial use. The **Component B** of **Clear Finish Anti-Slip** is a latest generation hardener, based on aliphatic polyisocyanate, with a content of HDI monomer <0.1% by weight

### APPLICATIONS

Sacrificial final layer on the already applied protective finishes of the "Wall2Floor system".

**Clear Finish Anti-Slip must be applied as the last layer, over at least two layers of one of the Clear Finish protective finishes (Glossy, Satin, Matt, Countertop, Countertop Ultra Matt)**

### IDENTIFICATION CHARACTERISTICS Clear Finish Anti-Slip A

Nature of the binder: aqueous dispersion of modified aliphatic polyurethane

### Clear Finish Anti-Slip B

Nature of the binder: Aliphatic polyisocyanate with a HDI monomer content <0.1% by weight.

**Mixture density:** 1.07 ± 0.05 g / ml.

**Brightness EN ISO 2813:** 15 ° ± 2 ° reading angle 60 °

**Drying time:** can be walked on after at least 24 hours; complete hardening: **7 days**

### Determination of anti-slip properties

**Wet areas with walking barefoot DIN51097-1992:**  
classification **B (A + B)**

**Dry areas with trampling on foot shod DIN 51130-2014:**  
classification **R10**

**Pendulum testers BS7976-2: 2002 (wet operating condition): > 35**

### Determination of the coefficient of friction for floors - BCRA method

Leather on dry surface:  $\mu > 0.50$

Rubber on wet surfaces:  $\mu > 0.70$

### MIXTURE PREPARATION

Homogenize **Clear Finish Anti-Slip A** from any sedimentation. To pour **Clear Finish B** in **Clear Finish Anti-Slip A** and mix manually for about 45-60 seconds. Alternatively, it is possible to mix with a mixer drill, equipped with a propeller, under slow stirring for about 1 minute.

The mixture obtained must not have lumps, portions of the two components not mixed, impurities.

**Catalysis by weight ratio:** 100 parts of the component **A** + 25 parts of the component **B**.

### DILUTION

Dilute the obtained mixture (100 parts of component A + 25 parts of component B) by adding 10% of water.

**Life time of the mixture:** about 60 minutes, do not add additional water to extend the life of the mixture.

### WARNINGS

Before applying each layer of **Clear Finish Anti-Slip** it is advisable to filter the mixture obtained with a cloth, nylon or filter-paint funnel filter with a mesh opening of 40 ÷ 90 microns. Once applied, the paint must be kept out of contact with any type of liquid for at least 24/48 hours after application. The first cleaning operations **must be carried out after hardening, generally, after at least 7 days (calculated at an average temperature of 25 ° C and with a humidity of 60%)** Avoid very abrasive cleaning products and do not use steam cleaners.

**Clear Finish Anti-Slip cannot be applied in place of Clear Finish protective finishes, but only as a non-slip complement to surfaces protected with Clear Finish.**

### ENVIRONMENTAL CONDITIONS

The material must be applied protecting it from frost and strong temperature changes, throughout the application cycle. Do not apply with air, support and product temperatures lower than + 10 ° C or higher than + 35 ° C, neither under the direct action of the sun, nor on overheated surfaces (even if already in the shade). The conditions of the environment and of the support to proceed with the application are:

- Ambient temperature: Min. +10 ° C / Max. +30 ° C.
- Relative humidity of the environment: <75%.
- Media temperature: Min. +10 ° C / Max. +30 ° C.
- Substrate humidity: <4%

The application, in conditions other than those described above, could cause discrepancies or defects in the chemical-physical properties and in the aesthetic result of the finishes **Clear Finish**.

### SUBSTRATE PREPARATION AND APPLICATION

The support created with the **Wall2Floor system** it must be dry, clean, cohesive and compact. Apply, with medium hair roller, a layer of **Clear Finish AntiSlip (A + B)** previously prepared.

### RECOMMENDATIONS

Do not expose the product packaging for long periods to direct heat sources or temperatures below + 5 ° C. If the products are stored at temperatures close to + 5 ° C, we recommend that you take them to a suitable temperature before use, in order to condition them at a temperature of use not lower than + 10 ° C. Do not heat the products using a direct source of heat, flame, hot body or similar. Low temperatures increase the viscosity in the can, making it difficult to use and lengthen, or inhibit, the drying and hardening process of the various products.

In all application phases, the removal of the adhesive tape must be carried out before the complete hardening of the applied layer.

Pay particular attention when applying the product on surfaces exposed to contact with water. Do not leave standing water in prolonged contact with the surface.

It is good practice to always use new or in any case well cleaned tools, if necessary replace them at the end of each application cycle. We recommend that you finish each job with materials from the same manufacturing batch.

For the correct use of the mentioned materials, dilution and installation, please refer to a careful reading of the relative technical data sheet.

During all phases of preparation of the substrate, products and application, the correct use of equipment and personal protective equipment (dpi) is recommended.

**In all the application phases of the Wall2Floor system the removal of the adhesive tape must be performed before the complete hardening of the applied layer.**

#### CLEANING OF TOOLS

With water, immediately after use.

#### SURRENDER

**Clear Finish Anti-Slip (A + B): 10-14 m<sup>2</sup> / l per layer, according to the degree of finish of the substrate and its absorption.**

#### COLORS

Colorless, not tinted.

#### PACKING

**Clear Finish Anti-Slip A:** 1l; 2,500 l

**Clear Finish B:** 0,300l; 0.750 l

#### STORAGE TERMS

The material has a shelf life of 12 months provided it is stored in a covered warehouse at a temperature between + 10 ° C and + 30 ° C.

#### SAFETY INDICATIONS

Directive 2004/42 / CE:

Clear Finish Anti-Slip (two-component high-performance paints) EU limit value for Clear Finish Anti-Slip (cat A / j): 140 g / l (2010) Clear Finish Anti-Slip contains a maximum of 140 g / l of VOC.

Contains isocyanates: read the information provided by the manufacturer / Harmful by inhalation / Irritating to respiratory system / May cause sensitization by skin contact / Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

The product must be transported, used and stored according to the current regulations of hygiene and safety; leave to dry completely the residues and treat them with special waste. For further information consult the safety data sheet.

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# Clear Finish Countertop Protection

High performance bi-component polyurethane protective coating.

**PRODUCT DESCRIPTION** Clear Finish Countertop Protection is a range of two-component, high-performance water-based protective finishes for internal surfaces, suitable for protecting flat surfaces of various kinds, decorated with Wall2Floor Top Coat, such as kitchen and bathroom countertops.

Thanks to the synergy of the chemical properties of non-yellowing acrylic and polyurethane aliphatic polymers associated with special fillers, finishes are obtained with excellent resistance to wear and to the usual cleaning operations. The finishes Clear Finish Countertop Protection they have good resistance to cold liquids and heat deriving from contact with cups and tea or coffee cups, you should also avoid contact for a few moments with boiling pots. The finishes Clear Finish Countertop Protection by type of product, although they have high mechanical performance, they may not protect the substrate as a result of falling heavy objects.

For specific properties the finishes Clear Finish Countertop Protection they are used as floor finishes in some Wall2Floor systems.

The Component B of Clear Finish Countertop Protection Satin and Ultra Matt is a latest generation hardener, based on aliphatic polyisocyanate, with a content of HDI monomer <0.1% by weight

## APPLICATIONS

Clear Finish Countertop Protection can be applied on:

- Enamels and paints
- New or already painted wooden products inside such as: parquet, skirting boards, panels, various objects where required high surface hardness
- Surfaces decorated with Wall2Floor Top Coat and Wall2Floor Top Coat Fine

## IDENTIFICATION FEATURES Clear Finish Countertop Protection Satin:

Nature of the binder: acrylic and aliphatic polyurethane polymers

**Mixture density:** 1.04 ± 0.05 g / ml.

**Brightness EN ISO 2813:** 15 ° ± 2 ° reading angle 60 °

Compliant with HACCP according to the requirements of EC Reg. 852/2004 Indoor Air Quality Classification: A +

## Clear Finish Countertop Protection Ultra Matt:

Nature of the binder: acrylic and aliphatic polyurethane polymers

**Mixture density:** 1.13 ± 0.05 g / ml.

**Brightness EN ISO 2813:** 4 ° ± 2 ° reading angle 85 °

Compliant with HACCP according to the requirements of EC Reg. 852/2004 Indoor Air Quality Classification: A +

## Determination of wear resistance UNI EN ISO 5470-1 (Taber):

CS17 wheels; load 1000 grams; 500 turns: 15 mg (weight loss) S42 wheels; load 500 grams: 50 (turns before deterioration)

**Resistance to cold liquids EN 12720: 2013:** Class CEN / TS 16209 B

**Resistance to moist heat EN 12721: 2013:** Class CEN / TS 16209 TO

**Resistance to dry heat EN 12722: 2013:** Class CEN / TS 16209 B

**Odor emissions RAL-GZ 430:** average value 2.7 (net odor not annoying)

**Drying (at 25 ° C and 65% RH):** dust-free in 30 minutes, touch-free in 1 hour, total after 3 hours.

**Can be painted over:** after 4 hours.

**NB .:** after 10 days, to be able to overpaint Clear Finish Countertop Protection, light surface sanding with paper or abrasive mesh is required.

## MIXTURE PREPARATION

homogenize Clear Finish Countertop Protection Satin A - Clear Finish Countertop Protection Ultra Matt A from any sedimentation. Pour the component B in component A and mix manually or with a mixer drill equipped with a propeller under slow stirring for about 1 minute.

The mixture obtained must not have lumps, portions of the two components not mixed, impurities.

**Clear Finish Countertop Protection Satin catalysis ratio by weight: 10 parts of the component A + 3 parts of component B.**

**Clear Finish Countertop Protection Ultra Matt catalysis report by weight: 12 parts of the component A + 3 parts of component B.**

## DILUTION

Dilute the mixture by adding a maximum of 10-15% of water.

**Life time of the mixture :** about 60 minutes, do not add additional water to extend the life of the mixture.

## WARNINGS

Before applying each layer of one of the finishes Clear Finish Countertop Protection, it is advisable to filter the mixture obtained with a cloth, nylon or filter-paint funnel filter, with a mesh opening of 40 ± 90 microns. For maintenance operations on surfaces already painted with one of the finishes Clear Finish Countertop Protection or other products, sanding with paper or abrasive mesh is required. Once applied, the paint must be kept out of contact with any type of liquid for at least 24/48 hours after application. Avoid very abrasive cleaning products. Do not use steam cleaners.

## ENVIRONMENTAL CONDITIONS

The material must be applied protecting it from frost and strong temperature changes, throughout the application cycle. Do not apply with air, support and product temperatures lower than + 10 ° C or higher than + 35 ° C, neither under the direct action of the sun, nor on overheated surfaces (even if already in the shade). The conditions of the environment and of the support to proceed with the application are:

- Ambient temperature: Min. +10 ° C / Max. +30 ° C.
- Relative humidity of the environment: <75%.
- Media temperature: Min. +10 ° C / Max. +30 ° C.
- Substrate humidity: <4%

Application, in conditions other than those described above, could cause discrepancies or defects in the physical and chemical properties

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of the aesthetic result of the finishes **Clear Finish Countertop Protection**.

#### SUBSTRATE PREPARATION AND APPLICATION

(Referred to environmental conditions T = 25 ° C, RH = 60%) The surface must be clean, dry, cohesive and compact, free of stains, free of waxes, oils and dust.

Normally 2 layers of product are applied however, where it is considered appropriate, it is possible to apply an additional layer of one of the finishes **Clear Finish Countertop Protection**.

#### RECOMMENDATIONS

Do not expose the product packaging for long periods to direct heat sources or temperatures below + 5 ° C.

If the products are stored at temperatures close to + 5 ° C, we recommend that you take them to a suitable temperature before use, in order to condition them at a temperature of use not lower than + 10 ° C. Do not heat the products using a direct source of heat, flame, hot body or similar. Low temperatures increase viscosities in a can, making it difficult to use and lengthen, or inhibit, the drying and hardening process of the various products. In all application phases, the removal of the adhesive tape must be carried out before the complete hardening of the applied layer.

Pay particular attention when applying the product on surfaces exposed to contact with water. Do not leave standing water in prolonged contact with the surface.

It is good practice to always use new or in any case well cleaned tools, if necessary replace them at the end of each application cycle. It is advisable to finish each job with materials from the same manufacturing batch.

For the correct use of the mentioned materials, dilution and installation, please refer to a careful reading of the relative technical data sheet.

During all phases of preparation of the substrate, products and application, the correct use of equipment and personal protective equipment (dpi) is recommended. In all the application phases of the **Wall2Floor system** the removal of the adhesive tape must be performed before the complete hardening of the applied layer.

#### CLEANING OF TOOLS

With water, immediately after use.

#### SURRENDER

**Clear Finish Countertop Protection Satin: 5-7 m<sup>2</sup> / l, in the two layers.**

**Clear Finish Countertop Protection Ultra Matt: 5-7 m<sup>2</sup> / l, in the two layers**

#### COLORS

Not tinted.

#### PACKING

**Clear Finish Countertop Protection- Satin A: 1 l; 2.5 l**

**Clear Finish Countertop Protection Ultra Matt-A: 1 l; 2.5 l**

**Clear Finish Countertop Protection-B: 0.300 l; 0.750 l**

#### STORAGE TERMS

Stability in the original unopened containers, in a covered warehouse and in suitable temperature conditions: 12 months Maximum storage temperature: + 30 ° C Minimum storage temperature: + 10 ° C.

#### SAFETY INDICATIONS

Directive 2004/42 / CE:

Clear Finish Countertop Protection Satin (high performance bi-component paints)

EU limit value for Clear Finish Countertop Protection Satin (cat A / j): 140 g / l (2010)

Clear Finish Countertop Protection Satin contains a maximum of 140 g / l of VOC.

Clear Finish Countertop Protection Ultra Matt (two-component, high-performance paints)

EU limit value for Clear Finish Countertop Protection Ultra Matt (cat A / j): 140 g / l (2010)

Clear Finish Countertop Protection Ultra Matt contains a maximum of 140 g / l of VOC.

Contains isocyanates: read the information provided by the manufacturer / Harmful by inhalation / Irritating to respiratory system / May cause sensitization by skin contact / Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

The product must be transported, used and stored according to the current regulations of hygiene and safety; leave to dry completely the residues and treat them with special waste. For further information consult the safety data sheet.

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# Clear Finish

Two-component polyurethane protective for **"Wall2Floor system"**.

**PRODUCT DESCRIPTION** Clear Finish is a two component water based protective based on polyurethane resins. It is available in the version **Glossy ( glossy), Satin**

**(satin) e Matt ( matt). The Component B of Clear Finish is a hardener of the latest generation, based on aliphatic polyisocyanate, with a HDI monomer content <0.1% by weight.**

## APPLICATIONS

Protection of horizontal and vertical surfaces of the **"Wall2Floor system"**.

**IDENTIFICATION FEATURES** Mixture density: 1.04 g /

ml +/- 3%

Compliant with HACCP according to the requirements of EC Reg. 852/2004

**Indoor Air Quality classification: A +**

**PERFORMANCE CHARACTERISTICS** Brilliance UNI EN

**ISO 2813: Clear Finish Glossy: > 85, reading angle of 60 °**

**Clear Finish Satin: 20 ± 2, 60 ° reading angle**

**Clear Finish Matt: 10 ± 2, reading angle of 85 °**

**Resistance of surfaces to cold liquids EN 12720: 2013**

/ = not necessary

- = not required by CEN / TS 16209 5 = no change

4 = slight change visible only with reflected light 3 = slight sign

visible from different directions 2 = marked sign or slight

superficial degradation 1 = pronounced sign or strong superficial

degradation

PRODUCTS	TIME OF WITH TOUCH						
	24 hours	16 hours	6 hours	1 hour	10 min	2 min	2 sec.
Acetic acid (10% aqueous solution)	-	2	-	5	-	/	-
Acetone	-	-	-	-	4	-	5
Ammonia (10% aqueous solution)	-	4	-	5	-	/	-
Citric acid (10% aqueous solution)	-	5	-	/	-	/	-
Cleaning solution	-	5	/	/	/	/	-
Coffee	-	2	2	3	5	/	-
Ethanol (48% aqueous solution)	-	-	5	/	/	-	-
Paraffin oil	5	/	/	/	/	-	-
Distilled water	5	/	/	/	-	-	-
Basic sweat	-	-	-	5	-	-	-

**Class B within 1 hour**  
**Class D according to CEN / TS 16209**

## SUPPORT PREPARATION

Consult the technical data sheet of **"Wall2Floor system"**.

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## APPLICATION

Consult the technical data sheet of "**Wall2Floor system**".

## MIXTURE PREPARATION

**homogenize Clear Finish A from any sedimentation. To pour Clear Finish B in Clear Finish A and mix manually for about 45-60 seconds. Alternatively, it is possible to mix with a mixer drill equipped with a propeller under slow stirring for about 1 minute.**

The mixture obtained must not have lumps, portions of the two components not mixed, impurities.

**Catalysis by weight ratio : 10 parts of the component A + 3 parts of the component B.**

## DILUTION

Dilute the obtained mixture (2,500 l of component A + 0,750 l of component B) by adding 0,300-0,400 l of water. With a suitably diluted A + B product package, about 20-22 m are covered in the two layers 2.

**Life time of the mixture : about 60 minutes.**

## WARNINGS

**Before applying each layer of Clear Finish it is advisable to filter the mixture obtained with a cloth, nylon or filter-funnel filter with a mesh opening of 40 + 90 microns.**

Prolonged contact of soaps, oils, creams and liquids in general or with wet objects can cause the formation of stains or halos on the surface exposed to contact.

## RECOMMENDATIONS

During all phases of preparation of the substrate, products and application, the correct use of equipment and personal protective equipment (dpi) is recommended.

Do not expose the products for long periods to direct heat sources or temperatures below + 5 ° C.

If the products are stored at temperatures close to + 5 ° C, we recommend that you take them to a suitable temperature before use, in order to condition them at a temperature of use not lower than + 10 ° C. Do not heat the products using a direct source of heat, flame, hot body or similar.

**Low temperatures increase viscosities in a can making it difficult to use and lengthen or inhibit the drying and hardening process of the various products.**

We recommend that you finish each job with materials from the same manufacturing batch. In the case of use of different manufactures it is advisable to mix the various productions together.

## CLEANING OF TOOLS

With water.

## SURRENDER

**6-7 m<sup>2</sup> l, in the two layers, according to the degree of finish of the substrate and its absorption.**

## COLORS

Colorless, not tinted.

## PACKING

**Clear Finish Matt A: 2,500 l**

**Clear Finish Satin A: 2,500 l**

**Clear Finish Glossy A: 2,500 l**

**Clear Finish B: 0.750 l**

## STORAGE TERMS

The material has a shelf life of 12 months provided it is stored in a covered warehouse at a temperature between + 10 ° C and + 30 ° C.

## SAFETY INDICATIONS

Directive 2004/42 / CE:

Clear Finish (two-component high-performance paints) EU limit value for Clear Finish (cat A / j): 140 g / l (2010) Clear Finish contains a maximum of 140 g / l of VOC.

Contains isocyanates: read the information provided by the manufacturer / Harmful by inhalation / Irritating to respiratory system / May cause sensitization by skin contact / Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

The product must be transported, used and stored in accordance with current hygiene and safety standards; allow the residues to dry completely and treat them with special waste.

For further information consult the safety data sheet.

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# Wall2Floor Maintenance Wax

## Polishing wax to maintain indoor surfaces in Wall2Floor

### DESCRIPTION

**Wall2Floor Maintenance Wax** is a self-polishing liquid wax specifically for maintenance of indoor surfaces of the **Wall2Floor system**.

**Wall2Floor Maintenance Wax** creates a sacrificial layer that helps protect the surface from dirt and scratches deriving from everyday use.

### USES

Applicable on horizontal and vertical indoor surfaces, coated with **Wall2Floor system**.

**Wall2Floor Maintenance Wax must be applied as a last layer, over at least two coats of one of the Clear Finish protective finishes (Glossy, Satin, Matt, Countertop, Countertop Ultra Matt).**

### IDENTIFICATION FEATURES

Binder nature: compound of waxes in water-based emulsion.

Density:

**Wall2Floor Maintenance Wax:** 1.00 +/- 0.05 g/ml

Drying (at 25 °C and 65% R.U.): to touch in 2 hours; treadable after 4 hours.

### DILUTION

**Wall2Floor Maintenance Wax:** ready to use.

### WARNINGS

Mix the material adequately before laying.

Do not apply on damp substrates.

After application, the surface must not come in contact with any type of liquid for at least 24 hours. The first cleaning operations must be carried out after hardening, in general after at least **1-2 days** (calculated at an average temperature of 25°C and with 60% humidity)

Avoid highly abrasive products for cleaning and do not use steam cleaners and brushing machines.

### ENVIRONMENTAL CONDITIONS

The surfaces must be protected from frost and drastic changes in temperature during the entire operating cycle. Do not apply with the temperature of the air, substrate and product under +10° C or over +35° C, or in direct sunlight or on a heated surface (even if already in the shade) or on damp or wet surfaces.

The conditions of the environment and the substrate to proceed with application of **Wall2Floor Maintenance Wax** are:

Environmental temperature: Min. +10 °C / Max. +35 °C

Environmental relative humidity: <75%

Substrate temperature: Min. +10 °C / Max. +35 °C

Substrate relative humidity: <4%

Application in different conditions to those described could cause deformity or defects in the chemical-physical properties and aesthetic appearance of **Wall2Floor Maintenance Wax**.

### SUBSTRATE PREPARATION

The surface must be clean and dry, consistent and compact, dust-free and free of salt stains caused by humidity.

For further information, consult the technical data sheet for the "**Wall2Floor System**".

### APPLICATION

On the dry and clean substrate, with a wax applicator or damp cloth, distribute a layer of **Wall2Floor Maintenance Wax**.

Distribute the product evenly on all the surfaces to treat.

### RECOMMENDATIONS

During all the phases to prepare the substrate, the products and application, you are advised to correctly use the equipment and personal protective equipment (PPE).

Do not expose the products for long periods to direct sources of heat or temperatures under +5°C.

If storing products at a temperature around +5°C, you are advised to bring them, before use, to a location with adequate temperature, to condition them at a use temperature not under +10°C. Don't heat the products using a direct source of heat, flame, warm body or similar.

### CLEANING EQUIPMENT

With water, immediately after use.

### YIELD

**Wall2Floor Maintenance Wax:** 8-15 m<sup>2</sup>/l, based on the type of substrate and its absorption rate and application technique used. It is advisable to determine the real yield with a preliminary test on the specific substrate.

### COLOURS

Colourless, cannot be tinted.

### PACKAGING

1 l packaging.

### SHELF LIFE

The product should preferably be used within 1 year of the production date if kept in the original containers unopened and in adequate temperature conditions.

The product does not require labelling pursuant to legislation in force.

Use the product according to hygiene and safety standards in force. Do not throw residue in sewers, in rivers and streams and on the ground; after use, do not dispose of the containers in the environment, leave the residue to dry well and treat as special waste. Keep out of reach of children. If ingested, consult a doctor immediately.

For further information, consult the safety data sheet.



N.B. - COLORIFICIO NOVACOLOR guarantees the information in this data sheet is provided to the best of its experience and technical and scientific knowledge; nonetheless, the company cannot be held liable for the results obtained using these products, as application conditions are beyond its control. You are advised to always ensure the product is suited to each specific case. This data sheet voids and replaces any previously existing data sheet.