

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
Decofix	●		●
Wall2Floor Athena		●	
Wall2Floor Easyflat			●
Wall2Floor Rasal	●	●	
Wall2Floor Rete	●	●	
Wall2Floor Rasal	●	●	
2 Coats of Wall2Floor Top Coat + Wall2Floor Componente B or 2 coats of Wall2Floor Top Coat Fine + Wall2Floor Componente B	● ●*	● ●*	● ●*
Wall2Floor Patina	●**	●**	●**
Wall2Floor Primer	●	●	●
2 coats of Wall2Floor Clear Finish (Matt/Satin/Glossy) (A+B)	●	●	●
Clear Finish Anti-Slip (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**

*** **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
Decofix	●		●
Wall2Floor Athena		●	
Wall2Floor Rasal		●	●
Wall2Floor Rete		●	●
Wall2Floor Rasal		●	●
2 coats of Wall2Floor Top Coat + Wall2Floor Componente B or 2 coats of Wall2Floor Top Coat Fine + Wall2Floor Componente 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**

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**.

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 m²/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 m²/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/m² 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.

Application: apply a first coat of **Wall2Floor Rasal** incorporating an alkali resistant fiberglass mesh with nominal weight between 70-90 ± 5% g/m² (**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

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Coverage rate (referred to powder): 0.8-1.3 Kg/m² 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/m²

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/m², 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/m², 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 m²/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 m²/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 m²/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 m²/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

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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.

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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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