

# Wall2Floor Hospitality & Wellness

Seamless system for the decoration of walls and floors.

## DESCRIPTION

**Wall2Floor Hospitality & Wellness** is an aesthetic declination of the **Wall2Floor**, characterized by uniform, compact, minimal appearance and high resistance to pedestrian traffic, typical of commercial surfaces (not towable).

The **Wall2Floor Hospitality & Wellness** system is the ideal solution in private context or commercial surfaces, such as wellness centers, spas, saunas, hammams, but also showrooms, hotels and offices.

Thanks to the introduction of a specific Wall2Floor Top Coat Waterproof, the **Wall2Floor Hospitality & Wellness** system is the most performing solution for applications in environments where maximum resistance to water and steam is required.

## USES

**Wall2Floor Hospitality & Wellness** can be applied on:

- concrete
- screeds (sand and cement-based screeds, sand and specific binder for screeds, ready-made packaged screeds, self-leveling sand and cement screeds)
- radiant screeds with minimum thickness, above pipe, between 30-40 mm
- surfaces covered with ceramic, porcelain and mosaic tiling
- Klinker
- 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**.

The surfaces to be treated must not be subjected to continuous immersion in water or rising damp so as to guarantee the surfaces to maintain their functionality unchanged for the entire life of the project.

In addition to the general indications, before the applications of Wall2Floor products, the substrates must be prepared in accordance with the specifications of the designer, the reference standards (i.e.: DIN 18534 or UNI EN 1062-7 method A, for surfaces not to be covered with tiles) and the specific regulations in force in the various countries.

Before proceeding with the application of Wall2Floor system, check the presence and integrity of the existing waterproofing systems and, if absent or damaged, prepare the surface with suitable waterproofing products, following the normal procedures used for ceramic, stone or similar materials.

If necessary, you can apply two layers of Wall2Floor Guaina (waterproofing membrane for interiors) on the wall and floor, following the instructions indicated in the following section dedicated to complementary products.

Check that there is a suitable slope for the water drainage before making the top, taking all precautions so that the intervention with the Wall2Floor system does not alter the slope necessary for the water to flow.

Apply Mineral Sealer over the entire surface, paying attention to the floor-wall connection areas.

Wall2Floor Clear Finish Countertop finishes guarantee protection against the passage of water. Once the Wall2Floor system has dried, seal it with a specific sealer in correspondence with the corners, edges, fittings and drains.

## 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 (garages, loading-unloading areas where the use of trolleys, transpallets, forklifts or similar, cars, etc.)
- radiant screeds with heating and cooling system
- wooden flooring
- linoleum
- pre-finished wooden flooring
- painted and unpainted upper 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 be collected
- in case of radiant screeds with electric heating system, Calcium sulphate CA or magnesite MA, other types, please contact our technical assistance service.

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

Surfaces are divided into:

- **Absorbent horizontal surfaces:**

concrete, screeds (sand and cement screeds, sand and specific binder for screeds, ready-made packaged screeds, self-leveling sand and cement screeds), radiant screeds with minimum above pipe thickness between 30-40 mm

- **Absorbent vertical surfaces:**

concrete, new and old plasters based on hydraulic binders, absorbent mineral conglomerates of various kinds, organic or mineral decorative coatings

- **Non-absorbent horizontal surfaces:**

surfaces covered with ceramic, porcelain and mosaic tiling, Klinker, surfaces with existing epoxy or polyurethane coatings, surfaces in natural and rebuilt stone

- **Non-absorbent vertical surfaces:**

surfaces covered with ceramic, porcelain and mosaic tiling, Klinker, surfaces with existing epoxy or polyurethane coatings, surfaces in natural and rebuilt stone

*To maintain the aesthetic continuity between the horizontal surface and the vertical surface, it is recommended to make both surfaces with the same application cycle.*

Surfaces preparation:

- **Absorbent surfaces (horizontal and vertical):** clean the surface and apply a layer of **Decofix**
- **Non-absorbent surfaces (horizontal and vertical):** clean the surface and apply a layer of **Wall2Floor Athena**.

On the non-absorbent surfaces and in all circumstances where it is recommended, apply a first coat of **Wall2Floor Epoxy Binder + Wall2Floor Rasal** incorporating an alkali resistant fiberglass mesh (**Wall2Floor Rete**) with nominal weight between 70-90 ± 5% g/m<sup>2</sup>. Draw the ends close without overlapping.

The **Wall2Floor Hospitality & Wellness** system can be applied on internal horizontal surfaces with overall thickness lower or higher than 3 mm.

## Interiors < 3 mm

Product	Mixing ratio	N° layers	Tools	Drying time
Wall2Floor Epoxy Binder + Wall2Floor Rasal	1.6 l comp A + 0.8 comp B + 3 - 3.5 l water + 25 kg W2F Rasal	two	notched trowel + stainless steel trowel	3-4 h
Wall2Floor Top Coat Waterproof	20 kg comp A + 1.2 kg comp B (not add water)	two	stainless steel trowel	3-4 h first layer 12-14 h second layer
Mineral Sealer	0.5 l comp A + 0.35 l comp B + 2.1 - 2.5 l water	one	brush	3-4 h
Wall2Floor Clear Finish Countertop Protection (Satin)	2.5 l comp A + 0.75 l comp B + 0 - 10% water	two	medium hair roller	4-6 h first layer 24 h second layer

## Interiors > 3 mm

Product	Mixing ratio	N° layers	Tools	Drying time
Wall2Floor Easyflat	25 kg + 4 l water	one	notched trowel + bubble breaker roller	24 h
Wall2Floor Epoxy Binder + Wall2Floor Rasal	1.6 l comp A + 0.8 comp B + 3 - 3.5 l water + 25 kg W2F Rasal	one	stainless steel trowel	3-4 h
Wall2Floor Top Coat Waterproof	20 kg comp A + 1.2 kg comp B (not add water)	two	stainless steel trowel	3-4 h first layer 12-14 h second layer
Mineral Sealer	0.5 l comp A + 0.35 l comp B + 2.1 - 2.5 l water	two	brush	3-4 h
Wall2Floor Clear Finish Countertop Protection (Satin)	2.5 l comp A + 0.75 l comp B + 0 - 10% water	two	medium hair roller	4-6 h first layer 24 h second layer

*After at least 24h from the final layer, it is recommended to carry out a water penetration test. Wet, with water at room temperature, the entire surface made with Wall2Floor system. Wait approx. 30 minutes and check if small dark spots (water penetration) appear. It can be easily restored by applying, with a brush, a layer of **Mineral Sealer**.*

### 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**.

### Products and application

**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 30 minutes; 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, max 10% with water

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: 10-15 m<sup>2</sup>/l, per each coat, depending on the type of surface.

Drying time: touch dry after around 1 hours; over painting possible after 4 hours

**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: notched trowel and bubble breaker roller

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): 3-8 kg/m<sup>2</sup> for thicknesses of 5 mm, per each coat.

Drying time for thicknesses up to 3 mm: at least 24 hours

**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 3-3.5 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. 30 minutes

Application equipment: notched trowel and stainless steel trowel.

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

No. of layers: 2

Coverage rate (referred to A+B mix + Wall2Floor Rasal): 3,0 Kg/m<sup>2</sup> in two layers

Drying time for thicknesses up to 3 mm: touch dry after approx. 3-4 hours; over painting possible after 4 hours.

**Wall2Floor Top Coat Waterproof:** two-components epoxy coating for humid environments, for interiors  
Mixing ratio by weight: 20 Kg **Wall2Floor Top Coat Waterproof A** + 1,2 Kg **Wall2Floor Top Coat Waterproof B**.

Dilution: do not dilute

Tinting: stir **Wall2Floor Top Coat Waterproof A** before colouring. Tint using Novacolor tinting system. Mix the colouring agent with **Wall2Floor Top Coat Waterproof A** 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 20 kg package of **Wall2Floor Top Coat Waterproof A**, a 1,2 kg package of **Wall2Floor Top Coat Waterproof B**. The component B must be added gradually and blended using a mechanical spiral stirrer. The mixing of the two components cannot be performed manually.

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

Pot life of mix: approx. 60 minutes

Application equipment: stainless steel trowel.

Application: apply a first coat of **Wall2Floor Top Coat Waterproof A**, previously mixed with **Wall2Floor Top Coat Waterproof B** to smooth the surface. Wait for the surface to dry, usually between 3-4 hours, and then apply a second layer of **Wall2Floor Top Coat Waterproof**, previously mixed with **Wall2Floor Top Coat waterproof B**, and work the surface to obtain the desired aesthetic effect.

No. of coats: 2

Coverage rate (referred to the mix Wall2Floor Top Coat Waterproof A+B): 0,8-1,2 kg/m<sup>2</sup>, in two layers

Drying time: 3-4 hours for the first layer; complete in 12-14 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

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. Throughout each stage of finishing, do not wait more than 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 a layer.

Drying time: touch dry after approx. 3 hours; over painting possible after 12 hours

**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): 5-7 m<sup>2</sup>/l, in two layers.

Drying time: touch dry after approx. 3 hours; walkable after at least 24 hours; complete cure: 7 days. The full achievement of chemical and physical resistances will occur approximately 7 days after the application of the last layer. During this time, do not cover the surface with sheets, cardboard, etc. because it could generate aesthetic alterations of the surfaces not removable.

### Complementary 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 1,10 m

**Wall2Floor Guaina:** waterproofing membrane for interiors, mono-component, alkali-resistant

Product preparation: manually mix the product before the use.

Dilution: ready to use, max 10% with water.

Application equipment: long hair-roller, brush.

Application: apply a first layer of **Wall2Floor Guaina** taking care to evenly cover the entire surface you are treating. When the first layer is dry, apply a second layer of **Wall2Floor Guaina**, following the method previously describe.

No. of coats: 2

Coverage: 0,8 – 1,0 l/m<sup>2</sup>, corresponding to about 0,5 mm dry in the two layers.

Drying time: touch dry after 4 hours approx.; over-coatable after 24 hours.

**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.

### 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 Novacolor tinting system. It is advisable to use only resistant colouring pastes tested on mineral systems with strongly alkaline pH. **Wall2Floor Top Coat Waterproof** can be coloured and this operation must always be carried out before the addition of **Wall2Floor Top Coat Waterproof 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 MANUAL**.

### 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 Epoxy Binder + Wall2Floor Rasal** and **Wall2Floor Top Coat Waterproof**.

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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Società soggetta alla direzione e coordinamento di Gefin s.r.l.

**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.**

SAN MARCO GROUP 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.