

**novacolor**<sup>®</sup>  
I colori dell'Architettura

# WALL2FLOOR

CONTINUOUS SYSTEM FOR WALL AND FLOOR DECORATING



TECHNICAL INSTALLATION MANUAL



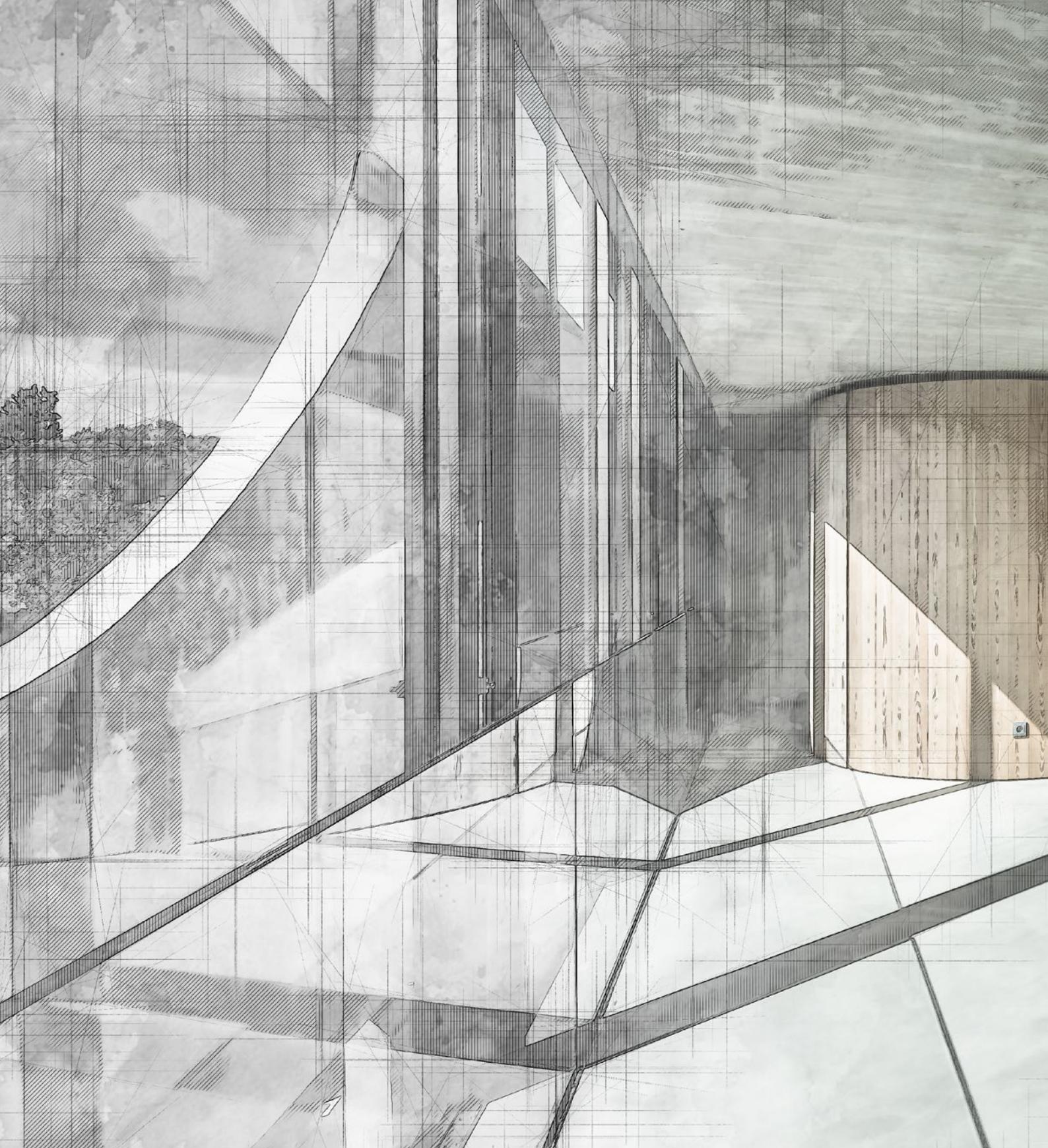
## Legend

-  Information
-  Important
-  Useful tips
-  Product
-  N° Layers
-  Tools
-  Drying time

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CASA NA ESTRELA, PORTUGAL

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# 1

# WALL2FLOOR

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**Wall2Floor** is a multilayer decorative coating for horizontal and vertical interior surfaces, which allows the creation of seamless continuous finishes, able to meet different aesthetic and technical requirements.

**Wall2Floor** works with both modern and traditional architecture, offering aesthetic, technological and performance solutions to meet the needs of the designer and planner.

**Wall2Floor** can be installed on site, and allows for the decoration and upgrading of surfaces, overlapping existing finishes. It is possible to work in a non-invasive manner without demolition, reconstructing a floor in just a few millimetres of thickness. The system makes it possible to superimpose a new surface on the existing one, proposing alternative solutions optimized according to the available thickness.



The **Residential, Hospitality & Wellness and Decorative systems** can be created with:

- Total system thickness less than 3 mm
- Total system thickness greater than 3 mm

The Wall2Floor Terrazzo system is laid with a wet thickness of approximately 10-12 mm. After sanding and polishing, the final thickness of the system will be approximately 5-7 mm.



**The Wall2Floor system is classified A+ according to the French ministerial decree for Indoor Air Quality (IAQ).**

Wall2Floor products , when correctly used according to the indications given in this user manual, allow the best aesthetic and performance results to be achieved, guaranteeing the best durability of the operation (\*).

Before installing the Wall2Floor systems on the floor in areas and environments with underfloor heating/cooling, please refer to the manual under 3.3 Screeds with underfloor heating/cooling.

(\*)The performance is closely linked to the correct use and installation of the materials. For further technical information or for specific site requirements, please contact the technical assistance service.

# 2

## THE SYSTEMS



**Wall2Floor** is designed to meet the many technical and aesthetic requirements of contemporary architecture, in private or commercial contexts, in these areas of use: Residential; Hospitality & Wellness; Decorative; Terrazzo.



## RESIDENTIAL

The **Wall2Floor Residential** system is ideal for use in residential construction, for decorating and upgrading surfaces, offering the possibility of overlaying existing finishes. Wall2Floor Residential addresses the multiple needs of typical residential surfaces and spaces such as kitchens, living rooms (excluding laundry rooms and garages), sheltered outdoor areas such as porches and living areas (except swimming pools and car parking areas).



## HOSPITALITY & WELLNESS

**Wall2Floor Hospitality & Wellness** is an attractive version of the Wall2Floor cladding, characterized by a uniform, compact, minimalist appearance and high resistance to pedestrian traffic, typical of commercial (non-driveway) surfaces.

Wall2Floor Hospitality & Wellness is the ideal solution for private or commercial premises, such as wellness centres, spas, saunas, and hammams, but also showrooms, hotels and offices.



## WALL2FLOOR DECORATIVE

**Wall2Floor Decorative** offers a proposal of aesthetic and application solutions with a strongly evocative character, which offer a way of interpreting and meeting the requirements for decoration and personalization of continuous surfaces. Wall2Floor Decorative is achieved by combining the products, application techniques and textures of the Wall2Floor system, with some of the decorative finishes that characterise the commercial range of Novacolor.



## WALL2FLOOR TERRAZZO

**Wall2Floor Terrazzo** is a mineral powder system, enriched with Murano cotisso crystals and Carrara marble, for creating decorative finishes on horizontal interior surfaces.

Wall2Floor Terrazzo is a modern and decorative interpretation of the paving known as Venetian Terrazzo or '**'terrazzo alla veneziana'**.

Wall2Floor Terrazzo is made up of different materials which, mixed together in the right proportions and with water, **create a unique, exclusive and customisable finish**.





LHS-LIFT HOUSE, TAIWAN

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# 3

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## THE BACKGROUND



In view of the multiplicity of existing substrates, before applying the Wall2Floor system, it is necessary to examine them carefully, structurally verifying their condition and any necessary interventions.



**Substrates and foundations made of slabs against the ground, ventilated crawl spaces and open floors must be insulated from their surface with an effective and durable waterproofing and vapour barrier.**

**ADHESION:** Check the perfect adhesion of the coating by tapping. If necessary, remove the parts of the cladding that are not correctly anchored to the substrate and restore the missing or removed portions of the substrate with similar products, reconstructing the flatness.

**FLATNESS:** Check support flatness with a stave. If there are flatness defects and differences in level between adjacent tiles, we recommend mechanically sanding the protruding parts with a random orbital sander fitted with a diamond grinding wheel with a vacuum cleaner until the surface layer is levelled. Pay particular attention to corners and hard-to-reach areas. Afterwards, clean the polished surface with a vacuum cleaner, avoiding the deposit of dust or particles that could act as detaching agents. If there are large variations in flatness with respect to the reference plane, other solutions must be found to re-establish flatness in order to bring it within the normal site tolerances.

**JOINTS:** Where joins are wider and deeper than 5 mm, filler grouting must be carried out with suitable products before applying the Wall2Floor system.

**TEMPERATURE:** Always check the temperature of the background to ensure correct use of the materials. The air temperature is not a sufficiently significant parameter. The substrate temperature should never be lower than +10 °C. At minimum temperatures or high relative air humidity levels, we recommend airing the rooms in order to improve the drying of the products.

**HUMIDITY:** If, when applying, you have any doubt about the moisture content of the substrate, carry out an instrumental check with a hygrometer.

The use of a hygrometer with contact probe measurement may be enough. If working on newly-manufactured screeds and for large surfaces, a direct measurement on the material (e.g. carbide hygrometer) is more reliable. **The humidity of the substrate must be less than 4%.**



A practical test can be carried out on site to assess the moisture content of the substrate in a simple and representative manner. A transparent polyethylene sheet with a surface area of at least 1 m<sup>2</sup> is laid on the floor and the edges are taped. After 24 hours, a check is made for internal condensation. The test should be carried out over a period of not less than 24 hours. A better result is obtained by carrying out the test in an area where sunlight is likely to be present.



**Before starting:** in the presence of traces of dirt (greases, oils, chemicals), remove them, in order to guarantee the adhesion of the Wall2Floor system to the substrate and avoid phenomena, even if only partial, of detachment or detachment and the formation of stains due to the migration of substances present in the substrate.

in the presence of traces of dirt (greases, oils, chemicals), eliminate them, in order to guarantee the adhesion of the Wall2Floor system to the substrate and avoid phenomena, even if only partial, of detachment or detachment and the formation of stains due to migration of substances present in the support.

It is possible to apply Wall2Floor systems on multiple substrates, being careful to follow the specific indications for each type of application.



After suitable preparation of the support, **Wall2Floor systems**, can be applied to:

- concrete
- screeds (sand and cement screeds, sand and specific binder for screeds, ready-made screeds, self-levelling sand and cement screeds)
- radiant and cooling screeds with a minimum thickness, above the pipe, of 30 mm
- surfaces tiled with ceramics, porcelain stoneware, mosaics
- fully-vitrified tiles (Klinker type)
- surfaces with pre-existing epoxy or polyurethane coatings
- natural and reconstructed stone surfaces
- various mineral conglomerates, provided they are absorbent
- old and new plasters based on hydraulic binders
- decorative organic or mineral coatings
- plaster- and gypsum-board surfaces\*(Wall2Floor Residential only)



Wall2Floor systems cannot be applied to:

- drive-on areas (garages, loading/unloading areas where the use of trolleys, trans-pallets, forklifts or similar is required or planned, cars)
- horizontal and vertical backgrounds that do not offer the necessary guarantees in terms of adhesion and dimensional stability
- traditional parquet
- linoleum
- pre-finished wood
- painted and unpainted metal surfaces
- surfaces in glass or glass-block
- surfaces that are damp or subject to rising damp
- ceramic, resin and similar sanitary ware where water may stagnate.
- in the case of radiant screeds with electric heating system and in the case of screeds based on calcium sulphate CA or magnesite MA, or other types, please contact the technical assistance service.

### 3.1 CONCRETE SURFACES

- In the case of new cementitious substrates, wait for a maturing time of at least four weeks.
- If joints are present, thoroughly clean the joints or cracks to be treated by brushing, sanding or abrading. Flexible expansion joints and construction joints, which are designed to accommodate construction movements and are easily recognisable as an actual break in the building, should not be filled and coated. Since this type of joint can show movements of up to a few centimetres, we recommend leaving the joint exposed. Alternatively, it can be closed with metal systems or sheet metal flaps, fixed on one side but free on the other. In both cases it is good practice to open and clean the join beforehand, thus restoring its functionality.
- Grout the distribution joints and any small cracks in the concrete.
- Restore slopes and levelness with suitable materials, as necessary.
- Subsequently roughen the surface to be coated with the Wall2Floor system using a random orbital sander fitted with a vacuum cleaner and a diamond grinding wheel to ensure that the product adheres to the concrete.
- Restore slopes and levelness with suitable materials, as necessary.
- Subsequently roughen the surface to be coated with the Wall2Floor system using a random orbital sander fitted with a vacuum cleaner and a diamond grinding wheel to ensure that the product adheres to the concrete.



In the case of new background substrates, wait for a curing time of at least four weeks.

### 3.2 TRADITIONAL SCREEDS

Wall2Floor systems can be used on a variety of traditional screeds.

- sand and cement screeds or sand and specific screed binder;
- pre-packaged ready mixes;
- self-levelling sand and cement screeds.

- In the case of new cementitious substrates, wait for a maturing time of at least four weeks. If the screed is very compact and not very absorbent, it is possible to sand the surface with a single-brush or random orbital sander, equipped with 24/36 grit cloth paper.
- With floating screeds, the application of the Wall2Floor system must be carried out in accordance with the initial design, leaving the screed free.
- If the screed is very loose, we recommend consolidating the substrate by applying a coat of Wall2Floor Primer, thinned by 200% with water.



In the case of new background substrates, wait for a curing time of at least four weeks.

### 3.3 SCREEDS WITH UNDERFLOOR HEATING AND COOLING

Underfloor heating systems can be roughly divided into two macro-categories:

- traditional radiant system with heating fluid;
- electrical radiant system.

In general, the screed to be decorated with the Wall2Floor system must be dry and cured. It is essential to ensure that the required tests have been carried out to exclude the formation of condensation, cracks or damage to the surface, which cannot be ascribed to the Wall2Floor system.

- There must be a compressible strip around the perimeter of the surfaces to allow for expansion of the screed.
- The correct laying of the radiant screed, in addition to determining the durability and efficiency of the technological part of the system, has a significant impact on the aesthetic quality and durability of the work.



The application of the Wall2Floor system must be carried out with the heating and cooling systems switched off in accordance with the specified environmental conditions.

### 3.4 CERAMIC TILED SURFACES, PORCELAIN STONEWARE, MONOCOTTURA (SINGLE-FIRED), MOSAIC, KLINKERS, AND SIMILAR

- To improve adhesion to the substrate, we recommend sanding the surface with a diamond wheel, using an orbital sander equipped with a vacuum cleaner. Proceed with sanding until the surface layer of the tile is affected. Pay particular attention to corners and hard-to-reach places. Any hollows should be filled with suitable products.
- Then, carefully clean the polished surface using a vacuum cleaner, avoiding dust or particles depositing that could cause detachment.
- Remove any traces of dirt from the surface by washing or polishing. Sanding is the preferred solution, as it is a dry operation that does not involve waiting for the substrate to dry and leaves no residue.
- Apply a layer of Wall2Floor Athena onto a clean and dry substrate as indicated in point 5.6 COMPLEMENTARY PRODUCTS.

### 3.5 EPOXY OR POLYURETHANE COATINGS

- Remove any loose parts of the coating.
- Fill in the missing parts and any small cracks using a two-component epoxy filler.
- Sand the surface using a random orbital sander equipped with a vacuum cleaner and 80/120 grit sandpaper (depending on the hardness and surface abrasion required).
- On a clean, dry surface, apply a layer of Wall2Floor Athena, covering the entire surface including joints, corners and edges with a roller or brush.



**Subsequent layers** of Wall2Floor system should be applied within 8 to 48 hours after applying the layer of Wall2Floor Athena.

### **3.6 VARIOUS TYPES OF CONGLOMERATES, PROVIDED THEY ARE ABSORBENT, NEW AND OLD HYDRAULIC BINDER-BASED PLASTERS, AND ORGANIC OR MINERAL DECORATIVE COATINGS**

- If necessary, rebuild or consolidate the substrate with specific products.
- If mould/mildew is present, treat the surface with appropriate products.
- Remove any efflorescence and flaking parts of old paints by brushing or washing.
- Completely remove any thick layers of lime or tempera paints.
- Remove any deposits of dust and grime by brushing.
- On a clean and dry surface, use a roller or brush to apply a coat of Decofix thinned from 50 to 100% with water.

### **3.7 PLASTER AND GYPSUM BOARD** (vertical surfaces only)

Only vertical application of the Wall2Floor system is possible on this type of support.

- Remove any loose portions of stucco and restore them.
- Check the joints between the gypsum boards and repair them if necessary.
- Sand the surface with P 400 sandpaper.
- Remove dust and abraded materials from the surface that could act as detaching agents.
- Apply one coat of Decofix thinned by 50 to 100% with water.
- On particularly chalky surfaces, a second coat of Decofix thinned wet-on-wet can be applied.

### 3.8 JOINS

Large surfaces and concrete floors are generally not continuous.

When creating these types of surfaces, joints are made during work. They comply with technical rules that correspond to their type. Joins are divided into "dynamic joints" and "static joints".

**Dynamic Joints:** From a functional point of view, instead, the dynamic joints must remain free to absorb any structural movement and **must never be joined or covered**. The dynamic construction joints made to delimit the various pours, normally as deep as the entire thickness of the pavement, **must not be covered with the Wall2Floor system**.



It is possible to cover them by using metal systems or sheet metal roofs suitably fixed on one side, but free on the other.

**Static Joints:** Static joints are defined as contraction joints made immediately after the concrete has been laid by mechanical cutting to a depth of 1 cm.

The function of the latter is to prevent tension during the setting and curing phases of the concrete casting. They are easily recognisable by the typical grid pattern they create on the concrete surface with a length of 3 to 5 m.



After curing, normally no less than 12 months, they lose their technical functionality and can, where required, be closed with appropriate fillers, normally of an epoxy nature capable of adhering to the walls and filling the joint well.

### 3.9 SHOWER CUBICLES

The **Wall2Floor Residential and Hospitality & Wellness systems** also allow for wall and floor applications in bathrooms, shower cubicles and changing rooms in the residential, sports and leisure sectors.

The **Wall2Floor Hospitality & Wellness system**, with the introduction of a specific **Waterproof Top Coat**, is the most suitable performance solution for applications where maximum resistance to water and steam is required, such as in saunas, wellness centres, spas, hammams, etc.

The surfaces to be treated must not be subjected to continuous immersion in water or rising damp to ensure that the surfaces can maintain their functionality throughout the life of the installation.

In addition to the general instructions given in this manual, before installing the products of the Wall2Floor system, the substrates must be properly prepared in accordance with the provisions of the designer, the reference standards (e.g. DIN 18534 or UNI EN 1062-7 method A, for surfaces not to be covered with tiles), and the specific provisions in force in the various countries.

- Before applying the Wall2Floor system, check the presence and integrity of the waterproofing on horizontal and vertical surfaces.
- If the surface is not integral, prepare with suitable waterproofing products following the normal procedures used for laying ceramic, stone or similar materials.
- Where necessary, two layers of **Wall2Floor Guaina** (interior waterproofing membrane) can be applied to the wall and floor, following the installation instructions in section **5.6 COMPLEMENTARY PRODUCTS**.
- In general, it is always a good rule to check that there is a suitable slope for draining the water before installing the floor, taking all the necessary precautions so that the intervention with the Wall2Floor system does not alter the slope necessary for the water to flow to the drains.



After decorating with Wall2Floor Top Coat, be careful when applying Wall2Floor Primer or Mineral Sealer, making sure to saturate the entire surface and the floor-to-wall junction areas.

Final protection with one of the **Wall2Floor Clear Finish** varnishes provides effective protection against the intrusion of water.



When the Wall2Floor system has dried, use a specific sealant to seal corners, edges, joints and drains.

At least 24 hours after completion, we recommend performing a water-tightness test.

- Wet the entire surface created with the Wall2Floor systems, using the shower head and water at room temperature.
- Allow the water to stand for about 30 minutes and check for the appearance of small dark spots (water spots). The presence of micro-cracks does not affect the appearance or usability of the surfaces and can be easily remedied.
- Use a brush to apply a coat of Wall2Floor Primer or Mineral Sealer (the same as previously applied) following the application instructions in point 5.4 PRIMERING.

### 3.10 WARNINGS

The chemical mixtures of certain components in the rubber of the floor-caps, used to cover the feet of furniture, chairs, tables, etc., could migrate onto the floor, creating unsightly shadows and stains, and reproducing the shape of the caps on the floor surface.

The paints in the **Wall2Floor system** are subjected to specific tests to assess their behaviour when in contact with carpets, rugs, mats and rubber stoppers (usually black) on furniture.

However, the market offers such a wide range of solutions that it is impossible to examine them all. We recommend replacing the rubber plugs, where present, with transparent silicone plugs, the same as those normally used for wooden floors.

To avoid unsightly black streaks, we recommend that you fit wheelchairs with soft wheels made of transparent polyurethane or silicone.

Contact with certain types of carpets, doormats, mats, etc. can also release plasticizing substances, or other components found in the rubber compound which, under certain conditions, cause stains and other aesthetic anomalies on the surface of the flooring.

Transfer phenomena can also be observed in areas where rubber wheels of electric scooters and mono-wheelers are permanently parked. If it is not possible to put protection between the pavement and the rubber, avoid direct contact between the wheels and the floor.

Long contacts with 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, which are difficult to remove.

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# 4 SYSTEMS APPLICATION

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The **Wall2Floor** products are intended to be used in a modular manner.

The most suitable Wall2Floor system for the intended use (Residential, Hospitality & Wellness, Decorative, Terrace) will be created in accordance with the information contained in the operating sequences described in this manual.

To achieve the declared technical performance, it is essential to follow the instructions given in the following sections.



For the correct preparation and installation of the products mentioned, consult the manual in paragraph 5 **Components of Wall2Floor systems**



During all stages of preparation of the substrate, products and application, the correct use of equipment and personal protective equipment (PPE) is recommended.

Wall2Floor systems can be applied to horizontal and vertical surfaces indoors and, where specified (Wall2Floor Residential), in protected exteriors. A total thickness of 3 mm or less may be applied to indoor horizontal surfaces.

Areas are divided into:

**Horizontal absorbent surfaces**

- screeds (sand and cement screeds, sand and specific binder screeds, ready-mixed screeds, self-levelling sand and cement screeds)
- radiant screeds with a minimum thickness above the pipe of 30 mm
- concrete

**Vertical absorbent surfaces**

- concrete surfaces
- new and old plaster based on hydraulic binders
- decorative coatings of organic or mineral nature
- plaster and gypsum board surfaces

**Horizontal non-absorbent surfaces**

- surfaces tiled with ceramic, porcelain stoneware, single-fired, mosaic, fully-vitrified tiles (such as Klinker)
- surfaces with pre-existing epoxy or polyurethane coatings
- surfaces in natural and reconstructed stone and similar

**Horizontal non-absorbent surfaces**

- surfaces tiled with ceramic, porcelain stoneware, single-fired, mosaic, fully-vitrified tiles (such as Klinker)
- natural and reconstructed stone surfaces and similar



To maintain aesthetic continuity between the horizontal and vertical surfaces, we recommend that both surfaces are applied with the same application cycle.

Indoors, the implementation of Wall2Floor systems differs between the various types of surfaces in terms of substrate preparation.

#### Absorbent surfaces (horizontal and vertical)

- We recommend applying a coat of **Decofix**, diluted, with a roller or brush.

#### Non-absorbent surfaces (horizontal and vertical)

- We recommend applying a layer of **Wall2Floor Athena** with a roller or brush.
- When preparing non-absorbent surfaces and in all circumstances where it is required to create the Wall2Floor system, bury a (**Wall2Floor Rasal** or **Wall2Floor Epoxy Binder + Wall2Floor Rasal**) glass fibre reinforcement mesh (Wall2Floor Rete) inside the first layer of (**Wall2Floor Rasal** or **Wall2Floor Epoxy Binder + Wall2Floor Rasal**). Apply the mesh strips without overlapping.



Surfaces decorated and protected with **Wall2Floor Clear Finish** (Bi-Component and Countertop) will be walkable 24 hours after application of the last coat. Full chemical-physical resistance will be achieved approximately 7 days after application of the last coat. During this period, do not permanently cover the surfaces with sheets, cardboard or other materials, to avoid possible aesthetic alterations to the surface that are difficult to remove.

A further distinction of horizontal application cycles is adopted in the case of applications in:

- Interiors with a thickness < 3 mm;
- Interiors with a thickness > 3 mm;
- Protected exteriors (Wall2Floor Residential) with thickness < 3 mm;



## 4.1 WALL2FLOOR RESIDENTIAL AREAS AND ENVIRONMENTS



The **Wall2Floor Residential system** can be applied to horizontal and vertical surfaces, indoors and in protected exteriors. A total thickness of 3 mm or less may be applied to indoor horizontal surfaces.

### INTERIORS < 3mm

Wall2Floor Rasal		2		toothed spatula + stainless-steel spatula		3-4 h	
Wall2Floor Top Coat		2		stainless-steel spatula		3-4 h 1° coat 12-14 h 2° coat	
Wall2Floor Primer		1		brush		3-4 h	
Wall2Floor Clear Finish Bi-Component		2		medium-pile roller		4-6 h 1° coat 24 h 2° coat	

### INTERIORS > 3mm

Wall2Floor Easyflat		1		toothed spatula + bubble-breaker roller		almeno 24 h	
Wall2Floor Rasal*		1		stainless-steel spatula		3-4 h	
Wall2Floor Top Coat		2		stainless-steel spatula		3-4 h 1° coat 12-14 h 2° coat	
Wall2Floor Primer		1		brush		3-4 h	
Wall2Floor Clear Finish Bi-Component		2		medium-pile roller		4-6 h 1° coat 24 h 2° coat	

\*The application of a coat of Wall2Floor Rasal is optional and closely depends on the flatness of the surface.

## PROTECTED EXTERIORS

&lt; 3 mm



Wall2Floor Epoxy Binder + Wall2Floor Rasal	2	toothed spatula + stainless-steel spatula	3-4 h
Wall2Floor Top Coat	2	stainless-steel spatula	3-4 h 1° coat 12-14 h 2° coat
Mineral Sealer	1	brush	3-4 h
Wall2Floor Clear Finish Bi-Component Satin o Glossy	2	medium-pile roller	4-6 h 1° coat 24 h 2° coat

## PERFORMANCE CHARACTERISTICS

Reaction to fire; UNI EN 13501-1:2019	Class Bfl - s1
Determination of impact strength on support; EN ISO 6272	IR 10 (equal to the falling of a sphere having a mass of 1,000 g from a height of 1 m)
Determination of abrasion resistance BCA, on concrete substrate UNI EN 13892-1; UNI EN 13892-4	AR Class 2: 300 µm abraded
UNI EN 12664:2002: Floor-heating suitability	The Wall2Floor system is suitable for a maximum surface temperature not exceeding 28 °C with a minimum screed thickness above the radiant elements of not less than 30 mm.
UNI EN ISO 16000-9:2006 + ISO 16000-6:2011 Volatile organic compounds from construction and finishing products (after 28 days)	Formaldehyde: 3 µg/m³ TCOC: 238
Indoor Air Quality Classification	A+





## 4.2 WALL2FLOOR HOSPITALITY & WELLNESS AREAS AND ENVIRONMENTS



The **Wall2Floor Hospitality & Wellness** system can be applied to horizontal and vertical interior surfaces in overall thicknesses of greater than or less than 3 mm.

### INTERIORS < 3mm



Wall2Floor Epoxy Binder + Wall2Floor Rasal	2	toothed spatula + stainless-steel spatula	3-4 h
Wall2Floor Top Coat Waterproof	2	stainless-steel spatula	3-4 h 1° coat 12-14 h 2° coat
Mineral Sealer*	1	brush	3-4 h
Wall2Floor Clear Finish Countertop Protection (Satin)	2	medium-pile roller	4-6 h 1° coat 24 h 2° coat

(\* ) In case of sanding (grain 150/240) of Wall2Floor Top Coat Waterproof, apply a layer of diluted Mineral Sealer

### INTERIORS > 3mm



Wall2Floor Easyflat	1	toothed spatula + bubble-breaker roller	no less than 24 h
Wall2Floor Epoxy Binder + Wall2Floor Rasal	1	stainless-steel spatula	3-4 h
Wall2Floor Top Coat Waterproof	2	stainless-steel spatula	3-4 h 1° coat 12-14 h 2° coat
Mineral Sealer*	1	brush	3-4 h
Wall2Floor Clear Finish Countertop Protection (Satin)	2	medium-pile roller	4-6 h 1° coat 24 h 2° coat

(\* ) In case of sanding (grain 150/240) of Wall2Floor Top Coat Waterproof, apply a layer of diluted Mineral Sealer



## PERFORMANCE CHARACTERISTICS

Reaction to fire; UNI EN 13501-1:2019	Class Bfl - s1
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Determination of abrasion resistance BCA, on concrete substrate UNI EN 13892-1; UNI EN 13892-4:	AR Class 2: 200 µm abraded
UNI EN 12664:2002: Floor-heating suitability	The Wall2Floor system is suitable for a maximum surface temperature not exceeding 28 °C with a minimum screed thickness above the radiant elements of not less than 30 mm.
UNI EN ISO 16000-9:2006 + ISO 16000-6:2011 Volatile organic compounds from construction and finishing products (after 28 days)	Formaldehyde: 3 µg/m³ TCOC: 238
Indoor Air Quality Classification	A+

#### 4.3 WALL2FLOOR DECORATIVE



Wall2Floor Decorative is a decorative system that takes shape through the overlapping of various finishes, application techniques and different textures.



To prepare the backgrounds and apply skimming coats, in cycles of Wall2Floor Decorative, follow the same indications as those provided for the Wall2Floor Residential and Wall2Floor Hospitality & Wellness systems.

After the application of the skim coat:

- Apply of a coat of **Wall2Floor Top Coat** (with stainless steel trowel)
- apply a second layer of **Wall2Floor Top Coat Fine** (with stainless steel trowel + medium pile roller)
- Apply one or more layers of mixtures composed of **Mineral Sealer** (A+B) to which we must add, in different colours and proportions, pigments, and some of the decorative finishes available in the Novacolor range.



The combination of different colours of Wall2Floor Top Coat and Wall2Floor Top Coat Fine, and the sanding of the surface, contribute to the achievement of the final aesthetic effect.

Here are some examples of the combinations used:

- Mineral Sealer (A+B) + Zeus (silver base; coloured) + water
- Mineral Sealer (A+B) + R-Stone (Metal Silver, Red, Pearl, bases and colours) + water
- Mineral Sealer (A+B) + Africa + water
- Mineral Sealer (A+B) + Eclat\_Wall Painting + water
- Mineral Sealer (A+B) + mix of colouring pastes + water

There are various application methods of the mixtures listed above, and they are adapted to reproduce the natural colouring, burnishing and oxidation of noble aged metals caused by the passage of time.



The best aesthetic and performance result for protecting surfaces made with the Wall2Floor Decorative system is obtained by applying two coats of **Wall2Floor Clear Finish Satin** on a dry and stable background.

To facilitate the implementation of the Wall2Floor Decorative system, here is an example of an application scheme to reproduce an oxidized metal effect:

METAL STEEL				
Wall2Floor Top Coat (W2F 041)	1	stainless-steel spatula	3-4 h	
Wall2Floor Top Coat Fine (W2F 094)	1	stainless-steel spatula	12-14 h	
Mineral Sealer (A+B) + Zeus Argento 16072 + acqua	1	medium roller + stainless-steel spatula	1-2 h	
Mineral Sealer (A+B) + Zeus Argento + acqua	1	medium roller + stainless-steel spatula	1-2 h	
Mineral Sealer (A+B) + R-Stone Rosso + acqua	1	medium roller + stainless-steel spatula	3-4 h	
Wall2Floor Clear Finish Bi-Component Satin	2	medium-pile roller	4-6 h 1° coat 24 h 2° coat	

In addition to simulating the aesthetics of oxidized surfaces, the **Wall2Floor Decorative** system also offers the possibility of creating real metal finishes.



For the preparation of the backgrounds, please follow the recommendations described above regarding the Wall2Floor Residential and Wall2Floor Hospitality & Wellness systems, respecting the pot-life, drying times and using the application methods most suited to the type of material.

The application of the skim coats must be particularly careful to try to obtain, from the first stages, a surface that is as flat as possible. Deposit the correct amount of material on the surface, avoiding depositing too much of the product (quantity/thickness). If necessary, to fill in slight differences in flatness, an additional layer of skim coat can be applied.

Below is an example of a scheme for applying Metallo\_Fuso on a horizontal background:

#### METAL LIQUID



Evenly distribute the skim coat on the surface using a stainless-steel trowel, working the surface until you obtain a compact and uniform layer.

Wall2Floor Top Coat

1

stainless-steel  
spatula

3-4 h

Wall2Floor Top Coat Fine

1

stainless-steel  
spatula

12-14 h

The choice of applying a coat of Wall2Floor Top Coat, followed by a coat of Wall2Floor Top Coat Fine, is aimed at obtaining a good flatness and a low degree of surface porosity.

Sand the surface with a random orbital sander and abrasive 150

Metallo\_Fuso

(Bronzo, Ottone, Rame, Stagno, Zinco)

2-3

stainless-steel  
spatula

10-12 h

Per ottenere il tipico aspetto di una superficie metallica, levigare e lucidare la superficie con levigatrice rotorbitale ed abrasivi 150; 320; 500; 800; 1500; 3000; 6000

Pulire in profondità la superficie per rimuovere tutte le tracce di polvere residue

Wall2Floor Clear Finish Bi-Component  
Satin o Glossy

2

medium-pile roller

4-6 h 1° coat  
24 h 2° coat



Since these are hand-crafted applications, performed manually on-site, it is not possible to guarantee the perfect flatness of the surface. During the sanding and polishing phases, some "haloing" may appear on the metal surface. This is to be considered acceptable.



## 4.4 WALL2FLOOR TERRAZZO SPACES AND ENVIRONMENTS



**Wall2Floor Terrazzo** is a decorative system featuring a sequence of operations that are necessary to achieve the type of aesthetic effect of the "Venetian Terrazzo". Depending on the intended use, Wall2Floor Terrazzo can be treated with a film-forming (filmogenic) protection or, alternatively, with a non-film-forming one.



Decofix



1



roller/brush



3-4 h

Wall2Floor Terrazzo Easyflat mixed with Wall2Floor Terrazzo Carrara and Wall2Floor Terrazzo Vetro

1

steel squeegee triglide + bubble-breaker roller

touch dry after 12 h; can be sanded after 48-72 h (at the applied thickness of 10 mm). Curing times may also vary considerably in environmental conditions other than those indicated.

On a completely dry substrate, sand the surface with a planetary sander, equipped with suction and diamond abrasive discs on a metal backing, grain 2.

Continue with the sanding phases, continuously removing any dust on the surface.

The sanding operations may remove some of the embedded aggregates. To restore surface flatness and evenness, use a filler on the entire surface.

Wall2Floor Terrazzo Grout + Wall2Floor Componente B

1-2

Stainless steel or plastic spatula

Can be sanded after 30 minutes approx.

Mix 1kg of Wall2Floor Terrazzo Grout (cement grout) with 2 kg of Wall2Floor Component B, until a mouldable grout is obtained. Remove the dust with a professional vacuum cleaner and apply the compound over the entire surface, filling in the missing areas.

Wait for the grout to dry, about 30 minutes, then clean the surface and apply a layer of Wall2Floor Terrazzo Hardener. Use a low-pressure sprayer to spray Wall2Floor Terrazzo Hardener and use a microfiber cloth to distribute it evenly over the entire surface to be treated.

Wait until Wall2Floor Terrazzo Hardener has completely penetrated the surface (about 30 minutes), then continue with sanding, using resin pads, grain 30 and grain 60.

Clean the surface and apply a coat of Wall2Floor Terrazzo Hardener, following the instructions described above.

After about 30 minutes, continue with sanding, using resin pads, grain 120 and grain 220. Clean the surface and apply a coat of Wall2Floor Terrazzo Hardener, following the instructions described above.

After about 30 minutes, continue with sanding/polishing, using resin pads, grain 400 and grain 800. At the end of the sanding sequence, the surface should be smooth, compact and even.

In general, the degree of polish obtained is considered to be appropriate for Wall2Floor Terrazzo.

## FILMOGENIC PROTECTION



This type of protection provides high resistance to water and common household substances.

Mineral Sealer

1

brush

3-4 h

Wall2Floor Clear Finish Bi-Component Satin o Glossy

2

medium-pile roller

4-6 h 1° coat  
24 h 2° coat



The first cleaning operations must be carried out after hardening and, in general, at least after 7 days (calculated at an average temperature of 25°C and a 60% humidity).

## NON-FILMOGENIC PROTECTION



This type of protection reduces the absorption of water and oily substances

Wall2Floor Sealer Idro/Oleo Repellente

2

wax spreading film

can be overpainted with Wall2Floor Maintenance Wax after 4 hours and no later than 48 hours

Wall2Floor Maintenance Wax

1-2

wax spreading film or microfiber cloth

touch dry after 2 h, complete after 4 h



The first cleaning operations must be carried out after hardening and, in general, at least after 1-2 days (calculated at an average temperature of 25°C and a 60% humidity).





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# 5

# COMPONENTS OF WALL2FLOOR SYSTEMS

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The Wall2Floor Residential, Hospitality & Wellness and Decorative systems are made up of different product categories which, although different in nature, are fundamental to achieving optimum results in terms of aesthetics and performance. The materials are formulated to work in close synergy with each other, they are easy to apply, and offer a variety of uses depending on the needs of the site and the performance requirements.

For this reason, the products must be correctly used according to the procedures given in the section **4\_SYSTEMS APPLICATION**.

Each product category is organized according to its intended use and technical performance characteristics, and is divided into:

- Background preparation
- Levelling putties
- Top Coat
- Primering
- Paints
- Complementary products
- Wall2Floor Terrazzo products

## 5.1 BACKGROUND PREPARATION

# DECOFIX

Water-based, high-penetration, micro-emulsion and solvent-free fixative and consolidator, particularly suitable for impregnating and consolidating mineral surfaces.  
Decofix improves consolidation and evens out the substrate absorption, creating an ideal anchorage for subsequent layers of paint, isolating them from the alkaline environment of cementitious and similar substrates.

### SPECIFICHE

Number of coats	1
Binder type	low-odour micro-emulsions
Appearance	liquid
Density UNI EN ISO 2811-1	1,00 ± 0,05 kg/l
Dilution	50 to 100% with water
Application tools	long-pile roller; brush
Application	before application, blend the product manually. Apply one coat of Decofix taking care to distribute the product evenly over the entire surface, paying particular attention to corners and edges.
Drying (at 25 °C and 65 % R.H.)	to the touch 30 min.; overpaintable after 4 hours
Consumption (referred to the powder)	8-18 m <sup>2</sup> /l per single coat

# WALL2FLOOR

# ATHENA

Adhesion and bonding primer, based on acrylic polymers in water dispersion, specific for the preparation of non-absorbent substrates.

Wall2Floor Athena is a product based on acrylic polymer in water dispersion and special additives that give the product excellent adhesion on particularly smooth and low absorbent surfaces such as tile, stoneware, mosaic or similar.

## SPECIFICHE

Number of coats	1
Binder type	acrylic copolymer in water dispersion
Appearance	liquid
Density UNI EN ISO 2811-1	1,40 ± 0,05 kg/l
Dilution	ready to use; maximum dilution 10% with water
Application tools	long-pile roller; brush
Application	before application, blend the product manually. Apply a first coat of Wall2Floor Athena taking care to distribute the product evenly over the entire surface, paying particular attention to critical areas, such as: tile joints, corners and edges
Drying (at 25 °C and 65 % R.H.)	to the touch in 1 h; overpaintable after 4 h
Consumption (referred to the powder)	10-15 m <sup>2</sup> /l per single coat

## 5.2 LEVELLING PUTTIES

# WALL2FLOOR RASAL

Pre-mixed, single-component, cement-based powdered smoothing plaster for horizontal and vertical surfaces in interiors. Simply by mixing Wall2Floor Rasal with water, a cementitious mortar with a medium hardening time can be obtained. Wall2Floor Rasal gives off an extremely low level of volatile organic substances.

### TECHNICAL FEATURES

Number of coats	2
Binder type	cement, synthetic resins
Appearance	white powder
Specific weight of the ready-to-use mortar	1,6 c.a. Kg/l
Max. dim. of aggregates	0,75 mm
Mixing Ratio	5-6 l water for each 25 kg bag
Mix preparation	Slowly add Wall2Floor Rasal to the water by mixing, with a mechanical spiral mixer
Pot-life	120 minutes
Application tools	toothed spatula for the first coat; stainless-steel spatula for the second coat
Application	apply the mortar with a notched steel trowel, taking care to distribute it evenly over the surface and, where applicable, drown <b>Wall2Floor Rete</b> . Use a steel trowel to remove excess skim coat and distribute the product evenly over the entire surface. With the background dry, apply a second coat of Wall2Floor Rasal
Drying (at 25 °C and 65 % R.H.)	3-4 h
Consumption (referred to the powder)	1,5-2,5 kg/m <sup>2</sup> , in two layers, depending on the type of work and the condition of the substrate
Compressive strength after 28 days; UNI EN 13892-2	> 15 N/mm <sup>2</sup>
Adhesion strength by direct traction 28 days; UNI EN 13892-8	1 N/mm <sup>2</sup> Class B1
TABER abrasion resistance grinding wheel H22 500 g 200 rev/min at 28 days	8 gr

When preparing the primer of the systems, you may use of a fibreglass mesh with anti-alkali treatment, nominal weight g/m<sup>2</sup> 70-90 3 5%, with mesh size between 3.5 and 4.5 mm.

# WALL2FLOOR EPOXY BINDER + RASAL

Two-component epoxy binder to be used as a modifier with the skim coat Wall2Floor Rasal. The epoxy mortar produced in this way allows to create an epoxy-cementitious skim coat, three-component with high mechanical strength, high adhesion, free from shrinkage and specific for the Wall2Floor systems.

Wall2Floor Epoxy Binder cannot be used as a modifier for products other than Wall2Floor Rasal.

Wall2Floor Epoxy Binder + Wall2Floor Rasal is a product with very low emissions of volatile organic substances.

## TECHNICAL FEATURES

Number of coats	2
Binder type	epoxy resin and specific hardener
Density UNI EN ISO 2811-1	component A: 1.08 3 0.05 kg/l component B: 1.04 3 0.05 kg/l
Mixing Ratio	1.6 l of Wall2Floor Epoxy Binder A + 0.8 l of Wall2Floor Epoxy Binder B + 25 kg of Wall2Floor Rasal + 3-3.5 l of water
Mix preparation	pour Wall2Floor Epoxy Binder A + Wall2Floor Epoxy Binder B into a clean container and mix. Add the water; while continuing to mix with a mechanical spiral mixer at moderate speed, slowly add Wall2Floor Rasal.
Pot-life	30 minutes
Application tools	toothed spatula for the first coat; stainless-steel spatula for the second coat
Application	apply the mortar with a notched steel trowel, taking care to distribute it evenly over the surface and, where applicable, drown Wall2Floor Rete. Use a steel trowel to remove excess skim coat and distribute the product evenly over the entire surface. On dry substrate, apply a second coat of Wall2Floor Epoxy Binder + Wall2Floor Rasal
Drying (at 25 °C and 65 % R.H.)	3-4 h
Consumption (referred to the powder)	3.0 kg/m <sup>2</sup> in the two layers; with mortar cover about 10 m <sup>2</sup> in two layers.
Compressive strength after 28 days; UNI EN 13892-2	> 20 N/mm <sup>2</sup>
Adhesion strength by direct traction 28 days; UNI EN 13892-8	2 N/mm <sup>2</sup> Class B1
TABER abrasion resistance grinding wheel H22 500 g 200 rev/ min at 28 days	0,5 gr

When preparing the primer of the systems, you may use of a fibreglass mesh with anti-alkali treatment, nominal weight g/m<sup>2</sup> 70-90 3 5%, with mesh size between 3.5 and 4.5 mm.

# WALL2FLOOR

## EASYFLAT

Cementitious levelling coat with controlled shrinkage for indoor environments, made of natural sands, binders and special additives that guarantee perfect adhesion to the substrate and excellent workability. Wall2Floor Easyflat can be applied in thicknesses between 3 mm and 20 mm for each layer.

### TECHNICAL FEATURES

Number of coats	1
Binder type	cement, synthetic resins
Appearance	grey powder
Specific weight of the ready-to-use mortar	2,0 c.a. Kg/l
Mixing Ratio	4 l of water for each 25 kg bag; Do not exceed the recommended amounts to avoid segregation during the setting time.
Mix preparation	Slowly add Wall2Floor Easyflat to the water, mixing with a mechanical spiral mixer
Pot-life	20 minutes
Application tools	Notched spatula for spreading; bubble-breaker roller for working
Application	Apply the mortar with a notched steel trowel, taking care to distribute it evenly over the surface. Resurface while still fresh with a bubble and/or pin roller to achieve the aesthetic and performance uniformity of Wall2Floor Easyflat
Drying (at 25 °C and 65 % R.H.)	at least 24 hours 24 h
Consumption (referred to the powder)	7-8 kg/m <sup>2</sup> per 5 mm thickness; with a bag you cover about 4 m <sup>2</sup> , in thickness of 5 mm
<b>Flexural strength after 28 days; UNI EN 13892-2</b>	<b>&gt; 6 N/mm<sup>2</sup></b>
<b>Compressive strength after 28 days; UNI EN 13892-2</b>	<b>&gt; 35 N/mm<sup>2</sup></b>
<b>Adhesion strength by direct traction 28 days; UNI EN 13892-8</b>	<b>1 N/mm<sup>2</sup> Class B1</b>
<b>TABER abrasion resistance grinding wheel H22 500 g 200 rev/min at 28 days</b>	<b>1,2 gr</b>

If necessary, it is possible to overlap a second layer of Wall2Floor Easyflat. Before applying the second layer, to avoid the formation of small craters on the material surface, apply a layer of Wall2Floor Primer (two-component water-based epoxy primer), diluted 200% with water.

### 5.3 TOP COAT

## WALL2FLOOR TOP COAT

Organic-mineral, two-component, decorative coating for interiors and protected exteriors, which can be applied by trowel and painted with the Novacolor tinting system.

Mixing Wall2Floor Top Coat with Wall2Floor Component B (pre-mixed with suitably-modified mineral components), which should always be done before laying, allows you to add effects and colour to the surfaces.

Wall2Floor Top Coat + Wall2Floor Component B creates surfaces with good surface hardness that are suitable for decorating horizontal walkable surfaces and vertical surfaces in civil and residential areas, intended for medium-low traffic. Wall2Floor Top Coat is a decorative product with very low emissions of volatile organic substances.

#### TECHNICAL FEATURES

Number of coats	2
<b>WALL2FLOOR TOP COAT</b>	
Binder type	acrylic copolymer in water emulsion
Density UNI EN ISO 2811-1	1,70 ± 0,05 kg/l
<b>Wall2Floor Component B</b>	
Binder type	white cement and aggregates
Appearance	white powder
Mixing Ratio	15 Kg Wall2Floor Top Coat A + 5 kg Wall2Floor Component B
Mix preparation	Gradually add Wall2Floor Component B to Wall2Floor Top Coat A and mix with drill and whisk. Mixing the two components cannot be done manually
Pot-life	120 minutes
Application tools	stainless-steel spatula
Application	Apply a first coat of Wall2Floor Top Coat (A+B), and smooth. Wait for the surface to dry for 3-4 hours, then apply a second coat of Wall2Floor Top Coat (A+B), working the surface according to the desired aesthetic effect.
Drying (at 25 °C and 65 % R.H.)	3-4 h the first layer; 12-14 h the second layer.
Consumption	1.2-1.5 kg/m <sup>2</sup> in the two coats, depending on the type of work and condition of the substrate; with the mortar (A+B) cover about 15 m <sup>2</sup> are covered with two coats
TABER abrasion resistance grinding wheels H22 - 500 g - 200 rev/min at 7 days	< 2,6 gr

# WALL2FLOOR

## TOP COAT WATERPROOF

Two-component epoxy coating in paste, for interiors, can be towelled and painted with the tinting system of Novacolor. Mixing Wall2Floor Top Coat Waterproof A with Wall2Floor Top Coat Waterproof B (epoxy component in water dispersion) allows you to add effects and colour to the surfaces. Mixing must always be done before applying. Wall2Floor Top Coat Waterproof A + Wall2Floor Top Coat Waterproof B creates surfaces with high surface hardness, suitable for the decoration of horizontal and vertical surfaces in public and private residential areas, intended for humid environments and medium-high attendance.

### TECHNICAL FEATURES

Number of coats:	2
Binder type	epoxy resin and specific hardener
Density UNI EN ISO 2811-1	component A: 1.84 3 0.05 kg/l component B: 1.09 3 0.05 kg/l
Mixing Ratio	20 kg Wall2Floor Top Coat Waterproof A + 1.2 kg Wall2Floor Top Coat Waterproof B
Mix preparation	Gradually add Wall2Floor Top Coat Waterproof B to Wall2Floor Top Coat Waterproof A and mix with drill and whisk. Mixing the two components cannot be done manually
Pot-life	60 minutes
Application tools	stainless-steel spatula
Application	apply a first coat of Wall2Floor Top Coat Waterproof (A+B), to skim. Wait for the surface to dry, about 3-4 hours, and apply a second coat of Wall2Floor Top Coat Waterproof (A+B), working the surface according to the desired aesthetic effect.
Drying (at 25 °C and 65 % R.H.)	3-4 h the first layer; 12-14 h the second layer
Consumption	0.8-1.1 kg/m <sup>2</sup> in the two coats, depending on the type of work and condition of the substrate;
TABER abrasion resistance grinding wheels H22 - 500 g - 200 rev/min at 7 days	< 0,9 gr

# WALL2FLOOR

## TOP COAT FINE

Organic-mineral, two-component, decorative coating for interiors, which can be applied by trowel and painted with the Novacolor tinting system. Mixing Wall2Floor Top Coat Fine with Wall2Floor Component B (pre-mixed mix based on appropriately modified mineral components), which should always be done before installation, allows you to add effects and colour to the surfaces.

Wall2Floor Top Coat Fine + Wall2Floor Component B, in combination with Wall2Floor Top Coat is particularly suitable for decorative finishes. Horizontal and vertical, valuable and in line with the latest trends in architecture and modern design. Wall2Floor Top Coat Fine is a decorative product with very low emissions of volatile organic substances.

### TECHNICAL FEATURES

Number of coats	2
<b>WALL2FLOOR TOP COAT FINE</b>	
Binder type	acrylic copolymer in water emulsion
Density UNI EN ISO 2811-1	1,77 ± 0,05 kg/l
<b>WALL2FLOOR COMPONENT B</b>	
Binder type	white cement and aggregates
Appearance	white powder
Mixing Ratio	15 kg Wall2Floor Top Coat Fine A + 5 kg Wall2Floor Component B
Mix preparation	Gradually add Wall2Floor Component B to Wall2Floor Top Coat Fine A and mix with drill and whisk. Mixing the two components cannot be done manually
Pot-life	120 minutes
Application tools	stainless-steel spatula
Application	Apply a first coat of Wall2Floor Top Coat (A+B), and smooth. Wait for the surface to dry for 3-4 hours, then apply a second coat of Wall2Floor Top Coat (A+B), working the surface according to the desired aesthetic effect.
Drying (at 25 °C and 65 % R.H.)	3-4 h the first layer; 12-14 h the second layer
Consumption	1.0-1.2 kg/m <sup>2</sup> in the two coats, depending on the type of work and condition of the substrate; with the mortar (A+B) cover about 18 m <sup>2</sup> are covered with two coats
TABER abrasion resistance grinding wheels H22 - 500 g - 200 rev/min at 7 days	< 2,5 gr

**Tinting:** only the A component of Wall2Floor Top Coat (STD, Fine, Waterproof) can be tinted. Homogenize the product and then colour with the Novacolor tinting system. You can stir with a gyroscopic mixer or with a mixing drill. We recommend using only colouring pastes that are resistant and tested on mineral systems and strongly alkaline pH. The colouring of Wall2Floor Top Coat A must be done before adding the corresponding component B. It is good practice to always use material from the same batch of manufacture. When using different production batches, to avoid slight differences in colour shades, we recommend mixing the different batches together. For works where, due to uncontrollable events, you must continue with a new batch, do not try to join colours on the same surface. For the joining, use any interruptions in the surface's continuity, such as mouldings, edges, expansion joints, etc.. Apply the mortar with a stainless-steel trowel, taking care to distribute it evenly over the surface.

## 5.4 PRIMERIZZAZIONE

# WALL2FLOOR PRIMER

### Wall2Floor Primer

Bi-component epoxy primer, water-dilutable, with high penetrating and consolidating power. When used on light colours, a slight "browning" of the surfaces may occur over time. Applying Wall2Floor Primer enhances appearance uniformity and softens the effect of the trowels, allowing to obtain decorative finishes with a minimal and uniform appearance.

Wall2Floor Primer creates a particularly suitable surface for the coatings **Wall2Floor Clear Finish Bi-Component** and **Wall2Floor Clear Finish Countertop Protection** to film correctly and develop maximum performance.

Wall2Floor Primer is recommended as a primer and can also be used for the consolidation and protection of horizontal and vertical concrete surfaces, improving its anti-dust function and reducing the absorption of water and oils.

Wall2Floor Primer has very low emissions of volatile organic substances.

### TECHNICAL FEATURES

Number of coats	1
Binder type	epoxy resin and specific hardener
Density UNI EN ISO 2811-1	component A: 1.08 3 0.05 kg/l component B: 1.04 3 0.05 kg/l mixture (A+B): 1.07 3 0.05 kg/l
Catalysis ratio (volume)	0.5 l Wall2Floor Primer A + 0.250 l Wall2Floor Primer B
Dilution (by volume)	dilute the mixture 0.5 l Wall2Floor Primer A + 0.25 l Wall2Floor Primer B with 3 l of water
Catalysis ratio (weight)	100 g Wall2Floor Primer A + 50 g Wall2Floor Primer B
Dilution (by weight)	dilute the mixture 100 g of Wall2Floor Primer A + 50 g Wall2Floor Primer B with 600 g of water
Mixture preparation	homogenize Wall2Floor Primer A from any sedimentations. Pour Wall2Floor Primer B into the component A and mix. Mixing can also be done manually.
Pot-life	60 minutes Do not use the product beyond its pot-life not even if it is still fluid as use may compromise the final result of the system.
Application tools	brush
Application	spread the product over the surface with a slight excess, taking care to saturate the porosity of the support. Take special care when laying on corners and edges
Drying (at 25 °C and 65 % R.H.)	3-4 h
Yield	16-21 m <sup>2</sup> /l per coat; with the thinned mixture ((0,5 l A+ 0,25 l B), about 60-70 m <sup>2</sup> are covered with one coat

# MINERAL SEALER

Two-component epoxy water-dilutable primer, low viscosity and high penetrating power, specific for mineral finishes, horizontal and vertical, in interiors and protected exteriors.

Mineral Sealer does not alter the soft, nuanced colour tones of decorative finishes, while maintaining the sharp, well-defined effect in trowel finishes.

Mineral Sealer, thanks to its high compatibility, can be coloured and mixed with decorative finishes, creating original decorations that can further customize the appearance of Wall2Floor systems.

Mineral Sealer consolidates the mineral surface and creates a particularly suitable surface for the coatings **Wall2Floor Clear Finish Bi-Component** and **Wall2Floor Clear Finish Countertop Protection** to film correctly and develop maximum performance.

Mineral Sealer has very low emissions of volatile organic substances and no Formaldehyde emissions.

## TECHNICAL FEATURES

Number of coats	1
Binder type	epoxy resin and specific hardener
Density UNI EN ISO 2811-1	component A: 1.08 3 0.05 kg/l; component B: 1.04 3 0.05 kg/l; mixture (A+B): 1.07 3 0.05 kg/l
Catalysis ratio (volume)	0.500 l Mineral Sealer A + 0.350 l Mineral Sealer B
Dilution (by volume)	dilute the mixture 0,5 l Mineral Sealer A + 0.35 l Mineral Sealer B with 2.1 l of water
Catalysis ratio (weight)	100 g Mineral Sealer A + 70 g Mineral Sealer B
Dilution (by weight)	dilute the mixture 100 g Mineral Sealer A + 70 g Mineral Sealer B with 425 g l of water
Mixture preparation	Homogenize Mineral Sealer A from any sedimentations. Pour Mineral Sealer B into component A and mix manually
Pot-life	60 minutes. Do not use the product beyond its pot-life not even if it is still fluid as use may compromise the final result of the system.
Application tools	brush
Application	spread the product over the surface with a slight excess, taking care to saturate the porosity of the support. Take special care when laying on corners and edges
Drying (at 25 °C and 65 % R.H.)	3-4 h
Yield	8-12 m <sup>2</sup> /l per coat; with the thinned mixture ((0,5 l A+ 0,35 l B), about 35-40 m <sup>2</sup> are covered with one coat

## 5.5 PAINTS

**WALL2FLOOR**

# CLEAR FINISH BI-COMPONENT

Two-component water-based acrylic-urethane paints of aliphatic nature, non-yellowing and specific hardener based on an aliphatic polyisocyanate with a HDI (Hexamethylene Diisocyanate) monomer content < 0.1 % by weight.

The coatings Wall2Floor Clear Finish are available in **Glossy** (glossy), **Satin** (satin) and **Matt** (matt) versions. Wall2Floor Clear Finish Bi-Component, after suitable curing, guarantee high mechanical resistance to abrasion and scratching, combined with good chemical resistance.

To optimize the drying process and to ensure fullness, gloss and final performance, **Wall2Floor Clear Finish Glossy A**, must be catalyzed with a specific hardener, Wall2Floor Clear Finish Glossy B. **Wall2Floor Clear Finish Glossy B** is based on hydrophilic aliphatic polyisocyanate, and is very easy to mix by hand with Wall2Floor Clear Finish Glossy A.

For the same reasons as those above, the coatings Wall2Floor Clear Finish Satin A and Matt A, must be catalyzed with a specific hardener, Wall2Floor Clear Finish B, which is also easily mixed by hand with Wall2Floor Clear Finish A (Satin; Matt).

## TECHNICAL FEATURES

Number of coats	2
Binder type	Modified polyurethane aliphatic dispersion
Catalysis ratio (volume)	2.500 l Wall2Floor Clear Finish A (Satin; Matt) + 0.750 l Wall2Floor Clear Finish B (Satin; Matt) 2,500 l Wall2Floor Clear Finish Glossy A + 0,750 l Wall2Floor Clear Finish Glossy B
Catalysis ratio (weight)	Glossy; Satin; Matt 100 g comp A + 30 g comp B
Mixture preparation	Homogenize <b>Wall2Floor Clear Finish A</b> from any sedimentations. Pour <b>Wall2Floor Clear Finish B</b> into <b>Wall2Floor Clear Finish A</b> , and mix by hand for approximately 45-60 seconds. Alternatively, you can mix with a mechanical mixer equipped with a propeller at a slow mix speed for about 1 minute. The mixture obtained must be free of lumps, any unmixed portions of the two components, and any impurities.
Dilution	ready to use; maximum dilution with 10% water (2.5 l A + 0.75 l B + 0.3/0.4 l water)
Pot-life	60 minutes. Do not use the product beyond its pot-life not even if it is still fluid as use may compromise the final result of the system.
Application tools	medium-pile wool roller

Application	Spread the product evenly over the surface, leaving no build-ups. Pay particular attention when applying to corners and edges. Allow adequate drying time between coats.
Drying (at 25 °C and 65 % R.H.)	4-6 h
Walkability	24 h
Complete hardening	7 gg
Yield	6-7 m <sup>2</sup> /l in two coats
Gloss level; UNI EN ISO 2813	Matt: 10 3 2, 85° reading angle; Satin 20 3 2, 60° reading angle; Glossy: > 85, 60° reading angle
TABER abrasion resistance grinding wheel CS17 1,000 g 200 rev/min at 7 days	< 25 mg
Determination and classification of the degree of water vapour transmission (permeability); EN ISO 7783-2	Class I Sd 2,11 m
Capillary absorption and water permeability; UNI EN 1062-3	< 0.01 kg - m <sup>-2</sup> - h <sup>-0.5</sup> (impermeable to chlorides)
Surface resistance to cold liquids: class B within 1 hour; class D as per CEN/TS 1620; EN 12720:2013	Class B within 1 hour; Class D according to CEN/TS 1620
EC Reg. 852/2004	HACCP compliant

For finishes using Wall2Floor Clear Finish Matt, where maximum resistance to liquids is required, we recommend applying a first coat of Wall2Floor Clear Finish Satin or Glossy and then a second coat of Wall2Floor Clear Finish Matt.

# WALL2FLOOR

# CLEAR FINISH

# COUNTERTOP PROTECTION

Two-component water-based acrylic-urethane paints of aliphatic nature, non-yellowing and specific hardener based on an aliphatic polyisocyanate with a HDI (Hexamethylene Diisocyanate) monomer content < 0.1 % by weight.

After suitable drying, the finishes give a high mechanical resistance to abrasion and scratching, high resistance to hot and cold liquids and to various substances normally used in the domestic environment.

Component A of Wall2Floor Clear Finish Countertop Protection is available in a **Satin** (satin) version and an Ultra **Matt** (extremely matt) version.

## TECHNICAL FEATURES

Number of coats	2
Binder type	Modified polyurethane aliphatic dispersion
Catalysis ratio (volume)	2.5 l Wall2Floor Countertop Protection A + 0.75 l Wall2Floor Countertop Protection B
Catalysis ratio (weight)	Satin: 100 g comp A + 30 g comp B Ultra Matt: 120 g comp A + 30 g comp B
Mixture preparation	Homogenize <b>Wall2Floor Clear Finish Countertop Protection A</b> from any sedimentations. Pour <b>Wall2Floor Clear Finish Countertop Protection B</b> into <b>Wall2Floor Clear Finish Countertop Protection A</b> and mix by hand for approximately 45-60 seconds. Alternatively, it is possible to mix with a mechanical mixer fitted with a propeller and stir slowly for about 1 minute. The mixture obtained must be free of lumps, unmixed portions of the two components and impurities.
Dilution	ready to use; maximum dilution with 10% water (2.5 l A + 0.75 l B + 0.3/0.4 l water)
Pot-life	60 minutes. Do not use the product beyond its pot-life not even if it is still fluid as use may compromise the final result of the system.
Application tools	medium-pile wool roller
Application	Spread the product evenly over the surface, leaving no build-ups. Pay particular attention when applying to corners and edges. Allow adequate drying time between coats.
Drying (at 25 °C and 65 % R.H.)	4-6 h
Walkability	24 h
Complete hardening	7 gg
Yield	5-7 m <sup>2</sup> /l in two coats

Gloss level; UNI EN ISO 2813	Ultra Matt: 4 3 2, 85° reading angle; Satin 15 3 2, 60° reading angle°
TABER abrasion resistance grinding wheel CS17 1,000 g 200 rev/min at 7 days	< 25 mg
Abrasion resistance of office- chair castors; EN 425:2006	suitable with soft castors, specific for parquet floors
Capillary absorption and water permeability; UNI EN 1062-3	< 0.01 kg - m-2 - h-0.5 (impermeable to chlorides)
Surface resistance to cold liquids: class B within 1 hour; class D as per CEN/TS 1620; EN 12720:2013	Class A within 1 hour; Class B according to CEN/TS 1620
Damp-heat resistance; EN 12721:2013	CEN/TS 16209 A class
Dry-heat resistance; EN 12722:2013	CEN/TS 16209 B class
EC Reg. 852/2004	HACCP compliant

In the case of finishes made with **Wall2Floor Countertop Protection Ultra Matt**, where maximum resistance to liquid substances is desired, we recommend applying a first coat of Wall2Floor Countertop Protection Satin and then applying a second coat of Wall2Floor Countertop Protection Ultra Matt.

## 5.6 COMPLEMENTARY PRODUCTS

# WALL2FLOOR MESH

Fibreglass reinforcement mesh with anti-alkali treatment with a nominal weight of 70-90 g/m<sup>2</sup>, with a mesh size between 3.5 mm and 4.5 mm.

### TECHNICAL FEATURES

Dimensions	length 50.0 m; width 1.10 m
Method for installing the mesh	Place a strip of mesh and dip it into the fresh first layer of skim coat applied on the substrate. Using a stainless-steel trowel, even out the surface to make it as flat and compact as possible. Repeat the operation placing the two strips of netting side-by-side and continuing on all the surface involved in the application of Wall2Floor
Roll extension	55 m <sup>2</sup>

The mesh edges must be placed side-by-side but must never overlap, to avoid unsightly scoring, which could become apparent even after some time.

# WALL2FLOOR GUAINA

This is a single-component, alkali-resistant liquid membrane for waterproofing horizontal and vertical surfaces in kitchens, bathrooms and shower rooms that are not subject to continuous immersion in water or rising damp.

## TECHNICAL FEATURES

Number of coats	2
Binder type	synthetic polymers in water dispersion
Density UNI EN ISO 2811-1	1,35 ± 0,05 kg/l
Dilution	ready to use; maximum dilution with 5% water
Application tools	long-pile roller; brush
Application	before application, blend the product manually. Apply a first coat of Wall2Floor Guaina taking care to distribute the product evenly over the entire surface, paying particular attention to critical areas such as corners and edges. Apply a second coat of Wall2Floor Guaina as described above after approximately 4 hours, once the first coat has dried.
Drying (at 25 °C and 65 % R.H.)	wait at least 4 hours between the first and the second layer; overpaintable after 24 hours
Consumption (referred to the powder)	0.8-1.0 m2/l corresponding to 0.5 mm dry in the two layers; one pack covers approximately 4 m <sup>2</sup>
Resistance to alkalis UNI 10795	strong
Crack-bridging ability at +23 °C (EN 1062-7 method A) (µm)	1790 (acceptance limit > 1250)
Crack-bridging ability at -5 °C (EN 1062-7 method A) (µm):	1030 (acceptance limit > 500)
Initial adhesion Wall2Floor Guaina + Wall2Floor Residential EN 14891-A.6.2 (N/mm <sup>2</sup> )	0.86 (acceptance limit > 0.5)
Initial adhesion Wall2Floor Guaina + Wall2Floor Hospitality & Wellness EN 14891-A.6.2 (N/mm <sup>2</sup> )	1.50 (acceptance limit > 0.5)

# WALL2FLOOR

## CLEAR FINISH ANTI-SLIP

Functional two-component protective coating, with non-slip properties, abrasion resistant, specifically for Wall2Floor systems. Used as a final protective layer, it is particularly suitable for indoor environments subject to pedestrian transit, both barefoot and with shoes, where there is moisture or water.

Suitable for residential and commercial use.

### TECHNICAL FEATURES

Number of coats	1
Binder type	Modified polyurethane aliphatic dispersion
Catalysis ratio (volume)	2.5 l Wall2Floor Clear Finish Anti-Slip A + 0.75 l Wall2Floor Clear Finish Anti-Slip B
Catalysis ratio (weight)	100 g comp A + 25 g comp B
Mixture preparation	Homogenize Wall2Floor Clear Anti-Slip A from any sedimentations. Pour Wall2Floor Clear Anti-Slip B into Wall2Floor Clear Anti-Slip A and mix by hand for approximately 45-60 seconds. Alternatively, you can mix with a mechanical mixer fitted with a propeller with slow mixing movement for about 1 minute. The mixture obtained must be free of lumps, any unmixed portions of the two components, and any impurities.
Dilution	ready to use; maximum dilution with 10% water (2.5 l A + 0.75 l B + 0.3/0.4 l water)
Pot-life	60 minutes Do not use the product beyond its pot-life, not even if it is still fluid as use may compromise the final result of the system.
Application tools	medium-pile wool roller
Application	spread the product evenly over the surface, leaving no build-up. Pay particular attention when laying on corners and edges
Drying (at 25 °C and 65 % R.H.)	4-6 h
Walkability	24 h
Complete hardening	7 gg
Yield	10-14 m <sup>2</sup> /l for single coat

**ANTI-SLIP PROPERTIES**

Wet areas with barefoot walking DIN51097-1992	classification B (A+B)
Dry areas with shoe-wearing traffic DIN 51130-2014	classification R10
Pendulum testers BS7976-2:2002 (wet operating condition)	>35
Determination of the coefficient of friction for floors - B.C.R.A. method.	Leather on dry surface: $\mu > 0,50$ Rubber on wet surface: $\mu > 0,70$

Wall2Floor Clear Finish Anti-Slip should be applied, as the last coat, over at least two coats, of one of the protective finishes Wall2Floor Clear Finish (Glossy, Satin, Matt, Countertop Satin, Countertop Ultra Matt).

## 5.7 WALL2FLOOR TERRAZZO PRODUCTS

# WALL2FLOOR TERRAZZO EASYFLAT BIANCO

White, cement-based, non-shrinking, quick and easy to apply, decorative levelling coat consisting of selected natural quartz, Portland cement with a low iron oxide content, special binders and additives that ensure perfect adhesion to the substrate and excellent workability. Wall2Floor Terrazzo Easyflat can be applied in thicknesses between 5 mm and 20 mm for each coat.

#### TECHNICAL FEATURES

Nature of binder	white cement and synthetic resins
Appearance	white powder

# WALL2FLOOR TERRAZZO CARRARA 3-6MM

Selected Carrara marble grit, characterized by a uniform pearl white colour, with a grain size of 3-6 mm, designed to meet the specific aesthetic and functional needs of Wall2Floor Terrazzo.

#### TECHNICAL FEATURES

Appearance	pearl-white grit, 3-6 mm
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# WALL2FLOOR TERRAZZO VETRO

Precious Murano Cotisso crystals, with a grain size of 7-12 mm, designed to meet the specific aesthetic and functional requirements of Wall2Floor Terrazzo.

## TECHNICAL FEATURES

Appearance	colored grit (aquamarine grit, amethyst grit, blue grit, grey grit, topaz grit, green grit)
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# WALL2FLOOR TERRAZZO

## TECHNICAL FEATURES

Number of coats	1
Mixing Ratio	3,5-3,6 l water 20 kg Wall2Floor Terrazzo Easyflat 5 kg Wall2Floor Terrazzo Vetro 5 kg Wall2Floor Terrazzo Carrara Do not exceed the recommended quantities to avoid the segregation phenomena during setting
Mix preparation	Slowly add Wall2Floor Terrazzo Easyflat to the water, add Wall2Floor Terrazzo Vetro and Wall2Floor Terrazzo Carrara and mix with mechanical spiral mixer
Pot-life	20 minutes
Application tools	Steel squeegee triglide for spreading; bubble-breaker roller for working
Application	Apply the mortar with a stainless-steel trowel, taking care to distribute it evenly over the surface. Resurface while still fresh with a bubble breaker and/or pin roller to achieve the aesthetic and performance uniformity of Wall2Floor Terrazzo Easyflat
Drying (at 25 °C and 65 % relative humidity (R.H.))	Touch dry after 12 h; can be sanded after 48-72 h (at the applied thickness of 10 mm). Curing times may also vary considerably in environmental conditions other than those indicated.
Consumption (referred to the powder)	20-22 kg/m <sup>2</sup> for 10-12 mm thickness

# WALL2FLOOR

# TERRAZZO

# GROUT

Alkali-resistant latex, to use mixed with **Wall2Floor Component B**.

The resulting cement grout makes it possible to fill the microporosity that occurs after sanding on decorative floors created with W2Floor Terrazzo.

## TECHNICAL FEATURES

Number of coats	1-2
Binder type	acrylic copolymer in water dispersion
Appearance	liquid
Density UNI EN ISO 2811-1	1,00 ± 0,05 kg/l
Mixing Ratio	1 l of Wall2Floor Terrazzo Grout + 2 kg of Wall2Floor Component B
Mix preparation	mix by hand or with a mechanical stirrer at low speed. The mixture obtained must provide a uniform, thixotropic and lump-free mix.
Pot-life	30 minutes
Application tools	stainless steel or plastic spatula
Application	Apply a layer of the grout using a plastic spatula, filling and bridging any unevenness in the substrate. Remove excess product. With very absorbent surfaces and/or high temperatures, in order to improve the product's workability, before applying the grout you can dampen the substrate.
Drying (at 25 °C and 65 % R.H.)	sandable after 30 minutes approx.
Consumption (referred to the mixture with Wall2Floor Component B)	approx. 0.1 kg/m <sup>2</sup> the actual yield is influenced greatly by surface irregularity

# WALL2FLOOR TERRAZZO HARDENER

Silicate consolidating agent and hardener in water dispersion.

**Wall2Floor Terrazzo Hardener** is suitable for hardening treatment in sanding and polishing cycles on Terrazzo floors, improves workmanship, binds mineral components subjected to the mechanical actions of sanding and polishing, and reduces porosity.

## TECHNICAL FEATURES

Number of coats	3-4
Binder type	silicate binder in water dispersion
Appearance	liquid
Density UNI EN ISO 2811-1	1,00 ± 0,05 kg/l
Dilution	ready to use
Application tools	low-pressure sprayer and microfibre cloth
Application	Spray Wall2Floor Terrazzo Hardener with a low-pressure sprayer and spread it evenly with a microfibre cloth over the entire surface to be treated. Before continuing with sanding/polishing, wait until Wall2Floor Terrazzo Hardener has fully penetrated the surface.
Drying (at 25 °C and 65 % RH)	approx. 10-20 minutes; sandable not before 30 minutes
Consumption	approx. 30-40 m <sup>2</sup> /l, per layer. Approximately 30-40 m <sup>2</sup> can be covered with 1 l of suitably diluted product. The Wall2Floor Terrazzo system requires 3 impregnation steps. The actual yield is strongly influenced by the irregularity of the surface.

# WALL2FLOOR SEALER IDRO/OLEO REPELLENTE

Water-based protective/sealing agent for interiors, which creates a non-filmogenic barrier against water or various oily substances, without noticeably altering the appearance of the surface.

## TECHNICAL FEATURES

Number of coats	2
Binder type	synthetic polymers in water dispersion
Appearance	liquid
Density UNI EN ISO 2811-1	1,00 ± 0,05 kg/l
Dilution	ready to use
Application tools	wax-spreading veil or cloth
Application	before application, blend the product manually. Spread, with slight excess, a layer of Wall2Floor Sealer Hydro/Oleo repellent over the entire surface. Wait a few minutes to allow the product to penetrate the surface and remove any excess. If necessary, apply a second coat, wet-on-wet, in the same way.
Drying (at 25 °C and 65 % R.H.)	can be overpainted with Wall2Floor Maintenance Wax after 4 hours and no later than 48 hours.
Yield	4-8 m <sup>2</sup> /l for single coat

# WALL2FLOOR **MAINTENANCE WAX**

Self-polishing liquid wax for interior use. Wall2Floor Maintenance Wax creates a sacrificial layer that helps protect the surface from dirt and scratches from everyday use.

## TECHNICAL FEATURES

Number of coats	1-2
Binder type	compound of waxes in water emulsion
Appearance	liquid
Density UNI EN ISO 2811-1	1,00 ± 0,05 kg/l
Dilution	ready to use
Application tools	wax spreading veil or damp cloth
Application	before application, blend the product manually. Spread an even layer of Wall2Floor Maintenance Wax over the entire surface. Remove any excess material.
Drying (at 25 °C and 65 % R.H.)	to the touch 2 h; walkable after 4 h
Yield	8-15 m <sup>2</sup> /l for single coat

# 6

# SITE ENVIRONMENTAL CONDITIONS

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The application of all the Wall2Floor systems will be easy and the final performance of the decorated surfaces will be compliant and durable, simply by respecting the information contained in the operating steps of this manual. Check in advance the suitability and condition and proper functioning of equipment and personal protective equipment (goggles, gloves, knee pads, etc.).



The surface decorated and protected with the transparent finish will be walkable and will be able to bear light traffic after at least 24 hours from the application of the last layer. Full chemical-physical resistance will occur after about 7 days from the application of the last layer.

The surfaces must be protected from frost and strong thermal changes during the whole application cycle.



**Do not apply at air, substrate and product temperatures of lower than +10 °C or higher than +35 °C, under direct sunlight, on overheated surfaces (even if already in shade), or on damp or wet surfaces.**

#### THE CONDITIONS OF THE ENVIRONMENT AND SUBSTRATE TO PROCEED WITH APPLICATION ARE

Ambient temperature	Min. +10°C / Max. +35 °C
Ambient relative humidity	<75%
Background temperature	Min. +10 °C / Max. +35 °C
Relative humidity of the background	<4%



Application in conditions other than those described above may cause dissimilarities or defects in the chemical-physical properties and aesthetic result of the Wall2Floor system.

## 6.1 PRODUCT STORAGE

- Do not expose the Wall2Floor products for long periods to direct sources of heat or temperatures below +5 °C.
- If the products are stored at temperatures close to +5 °C, before use, we recommend bringing them to a suitable temperature to condition them at a temperature of use of not less than +10 °C.
- Do not use a direct heat source, 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 Wall2Floor.
- Maximum storage temperature +35 °C.

Stability in the unopened original containers and at a suitable temperature:

- 1 year for powder and two-component products
- 2 years for paste products

# 7

# CLEANING AND MAINTENANCE OF THE BACKGROUND

The surfaces show good resistance to a wide variety of substances used widely in home and office environments. It is a good rule to quickly remove aggressive substances and rinse with water to avoid the prolonged contact and the possible corrosion of the surface of Wall2Floor. It is always a good rule to intervene promptly on the surface as soon as soiling is noticed.

The first cleaning operations must be carried out after the curing is complete, generally after at least 7 days. In general, surfaces coated with the Wall2Floor system can be washed with non-aggressive neutral detergents (for domestic use or neutral detergents for coated parquet), in cold or moderately-hot water (never exceed a washing temperature of 40 °C, avoiding thermal shock and steam cleaning).



**Do not use acidic or acid-buffered de-scaling detergents that are specific for cleaning concrete surfaces.**

For cleaning the black scuff-marks of shoe rubber heels and soles, and marks caused by furniture rubber feet, we recommend using specific white buffering sponges (e.g. 3 M) made of a synthetic fibre with non-abrasive cleaning particles. Alternatively, but to a lesser extent, a white eraser can be used.

In particularly difficult cases, the "magic" sponges to be used wet have proved useful. This sponge is transformed into a kind of very fine and delicate abrasive able to remove stains and dirt even from delicate surfaces, without damaging them. They also have the characteristic of being consumed during the cleaning phase, avoiding soiling and the entrainment of dirt.

Do not use brushing machines that could affect and modify the performance and the aesthetic effect. For the same reasons, do not use alkaline or acid detergents, descalers and degreasers that could compromise the surface coated with the Wall2Floor system.



**Avoid any of the following from sitting on the surface for any length of time: lemon juice, vinegar, tomato juice, anti-limescale products and acid detergents in general.**

If you need to clean the surface of very greasy or very stubborn dirt, we recommend using a degreasing detergent having manufacturer's instructions that state that it is suitable for use on a wide range of domestic and industrial surfaces, for removing oil, lubricants, etc.

Use according to manufacturer's recommendations.

If there is partial wear of the external layer of the Wall2Floor Residential and\*\*\* Decorative system, a surface maintenance can be performed, also by DIY, by applying Wall2Floor Sealer Idro/Oleo repellent.

If necessary, for appearance or technical reasons, you can use a medium-pile roller to apply a coat of the same paint used for the first application. The surface will be walkable about 24 hours after the paint is applied.

All maintenance works may be visible especially if found in a portion of the surface.

Before performing maintenance, ensure the surface is clean and dry.

If there is deep wear on the surface layer of Wall2Floor system, before performing maintenance, we recommend a technical inspection to identify the best solution in terms of technical and performance results.

All maintenance interventions, especially if located in a portion of the surface, could be visible.

## SURFACE MAINTENANCE

### WALL2FLOOR SEALER IDRO/OLEO REPELLENT

Dilution	ready to use
Instructions for use	With the background dry and clean, use a wax spreader or a cloth to abundantly apply Wall2Floor Sealer Idro/Oleo repellent . Wait a few minutes to allow the product to penetrate the surface, then remove any excess. If necessary, apply a second coat, wet-on-wet, in the same way.
Notes	The first cleaning operations must be carried out after drying, generally after at least 1-2 days

Surfaces decorated with the Wall2Floor system that, over time, have lost some of their initial shine, can be revived by applying Wall2Floor Maintenance Wax, which is a self-polishing liquid wax.

Wall2Floor Maintenance Wax creates a glossy sacrificial layer, which helps protect the surface from dirt and scratches from everyday use.

## SURFACE MAINTENANCE

### WALL2FLOOR MAINTENANCE WAX

Dilution	ready to use
Instructions for use	With the background dry and clean, use a wax spreader or a damp cloth to apply a layer of Wall2Floor Maintenance Wax. Spread the product evenly over the entire surface you are treating.
Notes	The first cleaning operations must be carried out after drying, generally after at least 1-2 days.



In all the application phases of the Wall2Floor system, the removal of the adhesive tape must be carried out before the complete hardening of the applied layer.



The Wall2Floor system is made on site. During the application phases you can see the marks left by the laying equipment (rollers, spatulas, etc.) and the typical effects that contribute to the decoration of the surface. It is recommended to take the necessary precautions to avoid that dust, insects or other materials accidentally carried, for example, by the wind, can be incorporated on the surface. It should also not be forgotten that any material is subject to wear, and therefore scratches.



Pay particular attention when applying the product inside shower rooms or on other surfaces exposed to contact with water.



On the shower compartments without a ceramic plate, create the slopes for draining the water. The construction of a shower tray must be designed during the renovation or construction phase in order to provide suitable waterproofing. Do not leave standing water in prolonged contact with the surface.



To give the surface additional protection, especially edges and corners, there are models of visible edge protectors on the market that are glued to the finished surface.



It is good practice to always use new or well-cleaned tools, replace them if necessary at the end of each application cycle.





## WALL2FLOOR TECHNICAL INSTALLATION MANUAL



A + certificate for low emissions of volatile substances into the air.

Photo cover: WALL2FLOOR, TRAVESSA DO BARBOSA, PORTUGAL  
Partner: TDRV

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