

Wall
& Floor

Rasante Ceramica EVO

WATER-BASED SKIM COAT FOR OVERLAYING ON EXISTING COVERINGS. OBTAINED BY ADDITIVATING RASANTE PARETE EVO WITH THE RASANTE CERAMICA TEXTURISER. FOR INTERIORS. PRODUCT WITH VERY LOW VOLATILE ORGANIC COMPOUND EMISSION RATE.



DESCRIPTION

Skim coat designed specifically for overlaying of Interior Wall Spaziocontinuo® decorative systems on existing coverings in ceramic, porcelain stoneware, mosaic, and natural stone. Obtained by additivating Rasante Parete EVO with a texturing additive, called: "Rasante Ceramica EVO". This additive gives the skim coat the perfect granulometry to "cancel" out the joint lines of the existing joints.

ADVANTAGES / FEATURES

- Product with very low volatile organic compound (VOC) emission rate, compliant with class A+ (Émission dans l'air intérieur – French Regulations)
- Water-based product
- Easy to sand
- Product with excellent fluidity and easy to spread
- Product exempt from restrictions for road, sea, air and rail transport
- Excellent adhesion on absorbent and non-absorbent substrates
- "Pure" white colour
- Specific for overlaying on existing coverings in ceramic, porcelain stoneware, mosaic, and natural stone
- Also suitable for application on rough cement plasters which are too fine to apply Rasante Parete EVO
- Granulometry specifically studied to "cancel" out the joint lines of existing coverings and slight surface defects of rough plaster
- Elastic and fast-drying with compensated shrinkage

PACKAGING

Rasante Parete EVO (A)

3 kg buckets

Rasante Ceramica EVO additive (B)

1.2 kg can

INTENDED USE

Intended uses

Interiors
Walls
Overlaying on existing coverings in ceramic, porcelain stoneware, mosaic, agglomerates, natural stones
Indoor wet areas (bathrooms, shower enclosures)
Residential, public, commercial building

Suitable substrates

Existing coverings in ceramic, porcelain stoneware, mosaic and natural stone
Rough cement plaster
Skim coats

DECORATIVE SYSTEM PLANNING

The only way to guarantee the long-lasting performance of resin decorative systems is to properly plan the process. It is therefore advisable to consult the national regulations in force in each country, for example standard UNI 10966 for Italy, which defines the planning and installation criteria for resinous systems for interior and exterior horizontal and vertical surfaces.

Some of the general precautions that need to be followed are listed below as an example.

ANALYSIS OF SUBSTRATE

Curing

In order to be considered dimensionally stable, a substrate must be sufficiently cured. Indicatively speaking, cement screeds or plasters need about 7 days per centimetre of thickness, and ready-mixed products depend on the manufacturer's instructions.

Integrity and compactness

Assessed by visual inspection. Plastering must be consistent and compact for its entire thickness.

There must not be any cracks or fissures on the substrate; in this case, it is advisable to reinforce the surface by embedding a reinforcing mesh in the substrate leveller.

Brittle or flaking parts must be removed from the repaired surface using suitable cementitious levelling or skimming mortars.

In the case of pre-existing coverings composed of ceramic and porcelain tiles, agglomerate or natural stone coverings, a tap test must be performed to check for proper adhesion.

No hollow points must be found when the surface is tapped. Any loose material must be removed.

Planarity

The substrates must not present irregular curves, whether concave or convex, greater than 3 mm.

Planarity is tested in various points of the surface by resting a 2 metre ruler on the surface and measuring the tolerance with a thickness gauge.

Any deviations can be corrected using suitable levellers or skim coats.

Surface finish

In general, substrates on which a low thickness resin covering will be applied must be smooth or have a maximum roughness of ± 1 mm.

Humidity content

Il valore massimo di umidità ammessa del supporto è pari al 3-3,5%.

Pulizia

La superficie del supporto si deve sempre presentare pulita, esente da agenti contaminanti tipo lattime di cemento, grassi, oli disarmanti, residui di vernici, pitture, adesivi, ecc..

In presenza di questi contaminanti occorre effettuare una rimozione con opportuni detergenti o mezzi meccanici a seconda della natura del supporto e del tipo di sporco.

SCELTA DEL SISTEMA RESINOSO IDONEO

Un sistema resinoso deve essere scelto in base alle esigenze del committente ed in linea alla futura destinazione d'uso dello stesso.

Andranno dunque considerati: il tipo di sollecitazione meccanica al quale sarà sottoposto, il tipo di agenti chimici e la frequenza con la quale verrà a contatto con essi e l'eventualità che si tratti di ambienti umidi come bagni o docce.

PREPARATION OF SUBSTRATES

The substrates must be clean, solid, compact, crack-free, properly cured and without rising damp.

- Excessively porous and absorbent or powdery substrates must be treated with the consolidating primer Fissativo Universale EVO
- Coverings in ceramic, porcelain stoneware, mosaic, agglomerates and natural stone must be suitably sanded or degreased with specific detergents such as Litoscrub EVO

If applied, wait for Fissativo Universale EVO to completely dry (about 3-5 hours at $T=+23^{\circ}\text{C}$) before applying Rasante Ceramica EVO.

Rasante Parete EVO and Rasante Ceramica EVO must be sanded with 100-120 grit sandpaper.

In any case, the respective technical data sheets must be consulted for correct use of the indicated products.

MIX RATIO

Rasante Parete EVO : Component A 71.4 parts by weight – Rasante Ceramica EVO additive : Component B 28.6 parts by weight.

The two components are pre-batched in their respective packaging.

PREPARING THE MIX

Pour the Rasante Ceramica Evo texturing additive into the bucket of Rasante Parete EVO.

The two products are pre-batched and studied to obtain the ideal granulometry for this application; random dosing is therefore not recommended.

Mix manually or using an electric drill with mixing paddle at low speed (about 300/min) until a consistent mix is obtained without lumps.

The two components are pre-batched in their packaging, thus preventing mixing errors.

APPLICATION

Apply a first coat of Rasante Ceramica EVO with the Superflex Stainless steel trowel art. 20310001, inserting the 2x2 reinforcing mesh inside.

After 5-6 hours, a second coat of product can be applied with the aim of completely covering the Reinforcing mesh to obtain a surface as level and uniform as possible.

Once it has completely dried (about 5-6 hours at $T= +23^{\circ}\text{C}$) sand the surface with 100-120 grit mesh and remove any residual dust.

The surface is now ready to receive the decorative systems SpazioChiaroscuro EVO, SpazioMetallo EVO, or SpazioMateria EVO.

To use ResinaArredo as the final texture, thus obtaining the SpazioInfinito effect, after the second coat of Rasante

Ceramica EVO, it is necessary to apply a “zero” skim coat of Rasante Parete EVO, using which a perfectly smooth surface free of defects is obtained.

FOCUS

Coverage of internal and external wall corners

For wall-to-wall applications, the Litoband SK NET reinforcing bands must be inserted on internal and external corners, embedded in the first skim coat.

The reinforcing band is inserted to prevent the development of cracks on the surface of the resin covering once it has set, caused by structural movements or vibrations.

Junction between a single component wall system and two- or three-component floor system

If the client has chosen to combine a single component wall system with a two- or three-component floor system, it is possible to give continuity to the entire package.

The Litoband SK NET band must be inserted in the connecting corner; it can be fixed in two ways:

- attach the band before applying the substrate levellers (Rasante Parete EVO/Rasante Ceramica EVO and Multifondo EVO) using Prepara Fondo EVO; proceed with the subsequent stages after 5-6 hours;
- even out the wall with Rasante Parete EVO/Rasante Ceramica EVO, making sure to attach the Litoband SK NET band on the wall side only, and only rested on the floor side; the floor will be levelled with Multifondo EVO at a later stage, which will also be used to attach the band.

WARNINGS

- Since the product is based on synthetic resins in aqueous dispersion, it must be protected against frost. When packages are transferred and stored in a warehouse, the temperature must not fall below +5°C so as not to compromise the quality of the product
- Avoid storing the product in cans/buckets under direct sunlight or in very warm environments
- In warm climates, keep the packaged product in a cool and dry place away from the sun before use
- Do not mix the product with water or solvents
- Do not add lime, cement or other foreign materials to the product
- Spread the product at temperatures between +5°C and +30°C inclusive
- Application of the product in environments with relative humidity greater than 80% is not recommended
- The temperature of the substrate must be at least 3°C higher than the dew point
- Do not use the product on damp substrates or substrates with rising damp phenomena
- Do not use on dirty or inconsistent surfaces
- The product can be used on interior walls only
- Any tempera-based finishes on the substrate must be mechanically removed by first wetting the substrate, then stripping the paint using a smooth steel trowel
- Do not use on surfaces that are not fully cured and on substrates that have not been properly prepared
- During the winter, setting times may be significantly longer, therefore check that the surface of the coat is not sticky before any further levelling
- Do not use for exteriors
- Protect the product against water for at least 24 hours after installation
- Do not use the product for applications not stated in this technical sheet
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- If in doubt, contact the Litokol S.p.A Technical Help Service.

SAFETY INFORMATION

Consult the product safety data sheet, available on request.
PRODUCT FOR PROFESSIONAL USE

IDENTIFICATION DATA

Appearance	Component A: White thixotropic paste
Appearance	Component B: White granules
Customs code	28365000 (Part B)
Shelf life	12 months in original packaging in a dry place.

APPLICATION DATA

Mix ratio	Component A: 71.4 parts by weight
Mix ratio	Component B: 28.6 parts by weight
Appearance of mix	Thixotropic paste
Specific gravity of mix	1,70 kg/dm ³
Application	Superflex stainless steel trowel art. 203I0001
Application temperatures	From +5°C to +30°C
Permissible relative ambient humidity	< 80%
Waiting time between coats	5-6 hours
Waiting time for overlying	5-6 hours
Temperature of use	From -5°C to +80°C
How to clean equipment	With water when product is fresh. Mechanically when product has set.

Consumption	2.0 kg/m ² in two coats
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PERFORMANCE

Compliance		EN 15824
Adhesion to substrate	1.5 MPa \geq 0.3 MPa	EN 1542
Resistance to humidity	Excellent	
Resistance to temperature fluctuations	Excellent	
Resistance to ageing	Excellent	

NOTES

Data detection at temperature +23 °C, R.H. 50% and with no wind. May vary depending on the specific conditions of the installation site.

The different textures of the Spaziocontinuo[®] surfaces have different colours, saturation and brightness. For each project, use materials from a single production batch.

Materials from different batches may assume slightly different colours.

The texture of Spaziocontinuo[®] is characterised by material discontinuity and natural irregularity, achieved through the skilful artisan work of the installer, thus making the surfaces unique.

Sheet n. **1003**
Revision n. **0**
Date: **January 2021**

The information and provisions contained in this technical data sheet reflect our best experience. Given the impossibility of directly intervening on the conditions of the work site and execution of the works, they represent indications of a general nature, which are in no way binding on our Company. It is therefore recommended to perform a spot test in order to check the suitability of the product for the intended use. In any case, those who intend to use the product must establish whether or not it is suitable for the intended use, and in any case assume all liability for any consequences resulting from such use.

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