

STILE RESTAURO

1.8 mm ACRYLIC TEXTURED WALL COATING

series 426

DESCRIPTION

STILE RESTAURO is a trowel effect plastic wall coating creating a levelling finish on the surface.

The product enables a thick coating to be created, capable of providing outdoor resistance and protecting the surface against pollutants and - thanks to its acrylic binder - also capable of resisting against the alkaline aggressiveness characteristic of cement-based surfaces.

STILE RESTAURO can be used wherever the surface requires good filling and hiding power, without cracking and paint breaking away.

INSTRUCTIONS FOR USE

May be applied on:

- New and old plasters based on hydraulic binders.
- Concrete surfaces.
- Old paints and wall coatings that are organic or mineral in nature, dry, compact, absorbent and cohesive.
- Mineral conglomerates of various kinds, as long as they are absorbent.

Surfaces should be adequately prepared by following the instructions given in the paragraph 'PREPARING THE SURFACE'.

Do not apply on freshly painted surfaces.

TECHNICAL SPECIFICATIONS

- Type of Binder: acrylic copolymer in water-based emulsion
- Pigments and extenders: quartz flour and marble chip
- Solvent: water
- Viscosity: paste
- Grain size: 1,8 mm
- CE marking per EN 15824
- Flame reaction per EN13501: Class B s1 d0
- Water permeability per UNI EN 1062-3: medium, $w < 0,5 \text{ kg/m}^2\text{h}^{0,5}$
- Water vapor permeability per UNI EN ISO 7783-2: high
- Drying times (at 25°C and 65% R.H.): complete after 1 hour 30' to 3 hours depending on the thickness applied.

PREPARING THE SURFACE

- Make sure that the surface is thoroughly dried and aged. Resurface or consolidate using specific products if necessary.
- If mold is present, treat the surface with COMBAT 222 cleanser code 4810222, and with COMBAT 333 reconstruction code 4810333. To protect the masonry from the formation of mold, add the sanitizer COMBAT 111 code 4810111 to the product.
- Brush or wash to remove any efflorescence and any old peeling paint. Completely eliminate any raised layers of lime-based or tempera paints.
- Remove any dust, smog or other deposits by brushing.

Plaster surfaces:

- Cracks must be adequately widened and filled with stucco or similar products.
- Level any irregularities in the surface. Treat any holes, cracks, crevices and gaps with BETOMARC 9450150,

RASAMIX 9440160, or RASOMARC 9500150 according to the type of support.

- Make sure that the support is completely dry and apply a coat of ISOMARC 4410111 solvent-based wall fixative or micronized solvent-free fixative ATOMO 8840001.

- Apply STILE RESTAURO as described in the application instructions.

Concrete surfaces:

- Remove any crumbling structural cement.

- The metal reinforcement disks visible on the surface must be carefully brushed and treated with BETOXAN PRIMER 9490125 passivating agent.

- Restore the missing parts with the smoothing coats BETOXAN 400 or BETOXAN 300 Non-shrinking thixotropic fiber-reinforced mortar 9490140/130; perform the final smoothing with BETOXAN 200 Non-shrinking anti-carbonation smoothing coat 9490120.

- Make sure that the support is completely dry and apply a coat of ISOMARC 4410111 solvent-based wall fixative or micronized solvent-free fixative ATOMO 8840001.

- Apply STILE RESTAURO as described in the application instructions.

*(The dilution of the fixative and amounts to be applied depend on the absorption of the support surface, and must be determined through preliminary tests on the specific support surface - See the relevant technical data sheet).

APPLICATION INSTRUCTIONS

- Air and support surface conditions:

Air temperature: Min. +8 °C / Max. +35 °C

Relative environmental humidity: <75%

Support surface temperature: Min. +5 °C / Max. +35 °C

Moisture level of the support surface: <10%

- Avoid applying when surface condensation is present, or in direct sunlight.

- To avoid compromising the optimal appearance and performance of the product, we recommend that it be applied only in the aforementioned climate conditions, and that the surfaces be protected from rain and damp for approximately 48 hours. This will allow the product to dry completely and ensure even polymerization, which takes place in approximately 10 days.

- Surfaces bathed by rainwater during the approximately 10 days, could show translucent vertical lines. Such an occurrence does not compromise the product's performance, and may be removed by high-pressure water cleansing or after subsequent rainfalls.

- Application on surfaces with salt efflorescence or subject to rising damp may interfere with the product's adherence to the support. It is therefore necessary to first reconstruct the masonry using dehumidifying plasters NEPTUNUS, then paint with the NEPTUNUS siloxanic system.

- Tools: plastic or steel trowel.

- Diluting: ready to use. The viscosity of the product can be adjusted by adding a maximum 1% of water.

- Stir the product before application.

- Nr of coats: 1. Use the trowel to apply the product evenly on the surface, before a film starts to form on the surface, applying with a rotary motion in order to create the trowel effect.

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- Tools should be cleaned immediately after use using water.
- Indicative spreading rate: 2.6-2.8 kg/sq m on surfaces featuring average porosity. It is advisable to determine the actual consumption rates by carrying out a practical test on the specific surface.

TINTING

Colors are obtainable via the color matching system and using COLORADO series 548 colorants.

When using multiple batches it is recommended to remix the various products together to avoid slight differences in shading.

For outdoor tasks it is a good rule of thumb to always use material from the same batch, from corner to corner. For tasks where it is unavoidable to continue on a wall with a different batch, do not place the batches contiguously. For the transition point, use any interruptions in the continuity of the surface: moldings, corners, cables, etc.

STORAGE

Maximum temperature for storage stability: +30 °C

Minimum temperature for storage stability: +5 °C

The product should be preferably used within 2 years from date of manufacture when stored in original unopened containers and in appropriate temperature conditions.

SAFETY RULES

Limit value EU (Dir. 2004/42/EC)

Cat. A/c: coatings for exterior walls of mineral substrate (water-base): 40 g/l (2010)

The product contains max: 40 g/l VOC

Use the product according to current standards of hygiene and safety; after use do not litter containers, allow the residue to dry and treat them as special waste. For more information see the safety data sheet.

SPECIFICATION ITEM

Applications, on previously prepared surfaces, of STILE RESTAURO Gross trowel-scratched effect plastic wall coating series 426 - with a base of water-based acrylic resin, siliceous extenders and marble chip of a granulometry maximum of 1.8 mm.

Supply and application of the material €. per sq m.

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