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Elastomarc Grip

LEVELING ELASTOMERIC BASE COAT



CODE 4180019

ELASTOMARC GRIP - V.2024-09-23

DESCRIPTION

ELASTOMARC GRIP is a restructuring microfibrated primer based on acrylic polymers with elastic properties. ELASTOMARC GRIP maintains a high elasticity even at low substrate temperatures.

Its special formulation allows a high filling and hiding the imperfections in the surface.

ELASTOMARC GRIP is suitable for interventions in presence of micro-cracks subject to dynamic stress with low amplitude contained between 250 and 500 µm (0.25 - 0.5 mm). For wider cracks, subject to greater stress, consult the technical data sheet of the ELASTOMARC system series 415/417.

ELASTOMARC GRIP is used in presence of micro-cracks due to dilatation for the different thermal coefficient of materials and for retreat of plaster.

For its elastic properties ELASTOMARC GRIP must be overcoated with ELASTOMARC FINISH or with ELASTOMARC INTONACHINO.

Overcoating ELASTOMARC GRIP should only be done with elastic systems, the application of other products can cause cracking and delamination.

INSTRUCTIONS FOR USE

Applicable to:

- Old paints that are anchored to the substrate
- Lime gypsum, lime-cement.
- Building plaster of mortar or equivalent.
- Concrete surfaces.
- Cannot be used as a substrate for mineral cycles (lime and silicates).

TECHNICAL SPECIFICATIONS

- Type of Binder: acrylic copolymer with elastic properties in aqueous emulsion.
- Density UNI EN ISO 2811-1: 1.38 ± 0.05 kg/l
- Viscosity UNI 8902: 80000 ± 8000 cps at 25 ° C (Brookfield viscometer)
- Average particle size: 0.25 mm
- Elongation % at break:
at +23 °C: >300%

at -10 °C: >200%

- Drying (at 25 ° C and 65% RH): to touch in 1 hour, recoatable after 4 hours.

PREPARING THE SURFACE

For all surfaces:

- Make sure that the support has a maturation period of at least 28 days.
- Check the condition. The surface must be consistent. Otherwise, resurface or consolidate using specific products.
- If mold is present, treat the surface with COMBAT 222 Detergent 4810222, and with COMBAT 333 consolidater 4810333.
- Remove any coat of old paint which are not adherent.
- Brush or wash any efflorescence.
- If there is old lime painting or tempera remove any parts which are flaking and not perfectly adherent.
- Level any irregularities with BETOMARC 9450150 or RASAMIX 9440160.
- Cover the entire surface with ATOMO cod. 8840001 micronized solvent-free fixative or ISOMARC cod. 4410111 insulating solvent
- Cracks should be filled and leveled with ELASTOMARC STUCCO series 416, for correct operation, refer to the data sheet.
- Make sure that the surface is completely dry and apply ELASTOMARC GRIP as described in the application instructions.
- Proceed with the application of ELASTOMARC FINISH Series 417 or Series 427 ELASTOMARC INTONACHINO.

For concrete surfaces:

- Remove the structural components of the cement.
- The metal reinforcement protruding from the surface must be carefully brushed and treated with BETOXAN PRIMER 9490125 passivating agent.
- Restore the missing parts with the smoothing BETOXAN 400 or 300 BETOXAN Malta shrinkage fiber-reinforced thixotropic 9490140/130; perform the final smoothing with BETOXAN 200 9490120.
- Cover the entire surface with ATOMO cod. 8840001 micronized solvent-free fixative or ISOMARC cod. 4410111 insulating solvent
- Cracks should be filled and leveled with ELASTOMARC STUCCO series 416, for correct operation, refer to the data sheet.
- Make sure that the surface is completely dry and apply ELASTOMARC GRIP as described in the application instructions.
- Proceed with the application of ELASTOMARC FINISH Series 417 or Series 427 ELASTOMARC INTONACHINO.

(The dilution of the fixative and quantity to be applied depend on the absorption of the surface and should be determined through preliminary tests on the specific support - Refer to the data sheet).

APPLICATION INSTRUCTIONS

- Environmental and Support conditions:

Air temperature: Min +8 ° C / +35 ° C

Relative humidity: <75%

Surface Temperature: Min +5 ° C / +35 ° C

Moisture: <10%

- Do not apply when there is condensation surface, or in direct sunlight.
- To avoid compromising the optimal appearance and performance of the product, it is recommended to apply in these conditions and to protect the surfaces from rain and humidity for 48 hours. In this way it thus allows a complete drying of the product and a regular polymerization, which occurs in approximately 10 days.

- Surfaces bathed by rainwater during the approximately 10 days, may show translucent vertical lines. This event affect product performance and can be removed through pressure washing or after subsequent precipitation.
- With the use of medium-saturated colors, on large surfaces, it may show light shading at overlapping or rolled. During application, it is recommended that the utmost care in the distribution / application of the product.
- Tools should be cleaned immediately after use with water.
- The overcoating after some time, should only be done with elastic systems and the application of other products can cause cracking and delamination.
- Number of coats. depending on the type of intervention to be carried out as reported in the underlying directions.

System with ELASTOMARC FINISH

It should be applied in this situation one or more coats of the product ELASTOMARC GRIP with total consumption of 3 m²/liter

With this indication of consumption with a pack of 15 lt will cover up to 45 m².

- Tools: brush, short nap roller or sponge.
- Dilution: ready to use or can be diluted with water up to 10% for roller application, to 10-20% max with water for brush application.

The surfaces must be finished with ELASTOMARC FINISH with total consumption of 5-6 sqm/L in one or more layers. With this indication of consumption with a pack of 15 lt will cover up to 80 m².

The application of further layers of ELASTOMARC FINISH compared to the amount provided in the class relating to the intervention do not affect the resistance.

For more information, refer to the technical data sheet

System with ELASTOMARC INTONACHINO

It should be applied in this situation one or more layers of the product ELASTOMARC GRIP with total consumption of 3 m²/liter.

With this indication of consumption with a pack of 15 lt will cover up to 45 m².

- Tools: brush, roller or sponge short hair.
- Dilution: ready to use or can be diluted with water up to 10% for roller application, to 10-20% max with water for brush application.

The surfaces are finished with ELASTOMARC INTONACHINO with a consumption of 2 to 2.2 kg/sqm.

With this indication of consumption with a 25 kg pack will cover up to 11 m².

For more information see the data sheet.

TINTING | The product is available in white base.

STORAGE | Maximum temperature for storage: +30 °C.
Minimum temperature for storage: +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 | EU limit value (Dir. 2004/42/EC)
Cat A/g: primer (water base): 50 g/l (2007) / 30 g/l (2010)
ELASTOMARC GRIP Contains max: 30 g/l VOC

The product does not require labeling in accordance with the regulations in force. 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. Keep out of reach of children. If swallowed, seek medical advice immediately and show this container or label. Do not empty into drains, water courses or onto the ground.

For more information see the safety data sheet.

SPECIFICATION ITEM

ELASTOMARC GRIP restructuring microfibrated of primer based on acrylic polymers with elastic properties.

Specific for the protection of surfaces with the presence of micro-cracks even in the presence of surfaces treated with thermal coating "coat".

Applications on previously prepared surfaces in 1/2 layers, in quantities determined according to the system of intervention reported in the technical Supply and installation of the material € per square meter.