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Elastomarc Stucco

ULTRA-LIGHT ANTI-SHRINKING PUTTY PASTE



CODE 4160019

ELASTOMARC STUCCO - V.2024-09-23

DESCRIPTION

ELASTOMARC STUCCO is levelling putty with high elasticity and filling capacity. The presence of hollow glass inert micro spheres of low density give it anti shrinking properties, including for high thicknesses. Its good fluidity makes it easy to apply. It is fast drying, and for cracks with dynamic stress it can cover the specific retention mesh provided. ELASTOMARC STUCCO can be used for localised work on cracks with low dynamic stress, which can subsequently be covered with conventional products. For restoration with high crack bridging it is advised to use ELASTOMARC elastomeric system. ELASTOMARC STUCCO should not be used for structures which are in constant contact with water.

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.
- Gypsum surfaces.
- Specific for operations on vertical walling when there are shrinkages and dynamic cracks.

TECHNICAL SPECIFICATIONS

- Type of Binder: acrylic copolymer in water emulsion
- Specific gravity per UNI EN ISO 2811-1: $0,70 \pm 0,05$ kg/l
- Appearance: white paste
- Drying time (at 25° C and 65% R.H.): variable according to the thickness applied; an applied thickness of 1cm of putty can be over painted after 24 hours. For low thickness levelling, can be recoat after 2 hours.

FINISH: Elastomarc system and water based products.

PREPARING THE SURFACE

For all surfaces:

- Make sure that the surface is thoroughly dried and aged. Resurface or consolidate using specific products if necessary.
- Brush or wash to remove any efflorescence and any old peeling paint. Completely eliminate any raised layers of lime-based or tempera paints using abundant water and scraping or by high pressure washing.

For high stress cracks:

- Strip cracks of depth in excess of 1 mm;
- Prime the entire surface using ISOMARC code 4410111 solvent based sealant or ATOMO 8840001 solvent free micronized fixative;
- Fill the stripped cracks using ELASTOMARC STUCCO.

For fillings of depth in excess of 1 cm it is recommended to wait for them to dry and to check their planarity. If necessary give the surface another light levelling.

- Once fully dry, any surface defects can be removed with a light sanding down.
- If there are very obvious cracks it is possible to act locally, spreading with a square steel trowel and at the same time covering the fibreglass retaining mesh (of the V3-59-A type from the supplier GAVAZZI).
- Smooth the surface with a slightly dampened small square trowel or spatula. If necessary, a further low depth levelling can be carried out to smooth the surface.
- Once fully dry, any surface defects can be removed by sanding them down lightly.
- Use ELASTOMARC elastomeric system (series 417/415) for finishing, see relative technical data sheet.

For low stress shrinkages:

- Strip cracks of depth 0,5 – 1 mm
- Prime the entire surface with ISOMARC code 4410111 solvent based sealer or ATOMO 8840001 solvent free micronized fixative;
- Fill the stripped shrinkages using ELASTOMARC STUCCO.
- If necessary give the surface another light levelling.
- Once fully dry, any surface defects on the surface can be removed by sanding them down lightly.
- After 24 hours, apply 1-2 coats of the chosen finish.

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%

- Tools: inox trowel.
- Diluting: ready to use.
- In order to facilitate application to continuous surfaces, a light hand mixing may be carried out to optimize creaminess.
- Avoid applying when surface condensation is present, or in direct sunlight.
- After application, outdoor surfaces must be protected from rain and moisture until the product has dried completely.
- Tools should be cleaned immediately after use with water.
- Indicative yield: highly variable according to the type of support. A 1 mm depth gives a yield of 1 sq.m./l. It is recommended to carry out a preliminary test on the specific support to determine the consumption.

TINTING

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

Dir. 2004/42/EC not applicable

The product does not require labelling in accordance with 67/548/EEC and 1999/45/EC and its subsequent changes and updates. Use the product according to current health and safety regulations; after use, do not discard the containers in the environment; allow the residue to dry thoroughly, then treat as special waste. Store out of the reach of children. Do not dispose of residues in the sewers, waterways or ground.

For more information consult the safety data sheet.

SPECIFICATION ITEM

Anti-shrinking elastic leveling putty for elastomeric systems.

Application to prepared bases of ELASTOMARC STUCCO code 4160019 acrylic product based on hollow glass inert micro spheres of low density with high elasticity and filling capacity.

Supply and application of the material € per m2.