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Thechnical Data Sheets n.37

AntiCrack Skimcoat

1. Description

AntiCrack Skimcoat is a flexible interior and exterior plaster which reduces the risk of cracking on drywall and other substrates and considerably improves the impact resistance and durability of all the constructions. It is essential on drywall and on old plaster restorations as well as on any construction under risk of cracks. It is the ideal substrate for lime and gypsum based plasters

2. Composition

It has a base of hydrated and hydraulic lime, little cement and very fine aggregates and fibers. It is reinforced with flexible resins and special natural additives.

3. Where to use and properties

• On dry wall panels to reduce the risk of cracks and to obtain the ideal substrate for lime and gypsum plasters. It is useful to fix the joints between plasterboard panels even without mesh tape.
• On gypsum, lime, or cement plasters to reinforce them or to reduce cracking and increase impact resistance. Apply Quartz Primer first.
• On old plaster which are full of cracks, first check how solid it is and impregnate the plaster with the Primer Normal.
• Before applying lime-based, decorative plasters to achieve perfect adhesion and guarantee greater durability.
• To prepare MDF or plywood wood panels before applying decorative plasters. Apply Quartz Primer first.
• To fix mesh tape, corner beads, stop beads, shadow gap beads and other beads for construction.

4. Safety measures

4.1 AntiCrack powder is alkaline and an irritant to the respiratory system. Use a dust mask when mixing.
4.2 Contact with lime or lime based mortar may cause skin and eye irritation, dermatitis or burns. Wear protective clothing.
4.3 May cause damage to products made of aluminium or other non-noble metals
4.4 Dispose of by hardening with the application of water and dispose of as plaster waste.
4.4 Dispose of the product/packaging in plastic recycling after hardening the product with water.

5. Application

5.1 Mix the powder with about 38% water, that is, 9.5 liters of water to 25 kg of powder plaster.
Put the water in a container first and slowly introduce the powder. Mix it with a special

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mixer until there are no more lumps. Let it sit for at least 5 minutes, then stir it again for 20 seconds.

5.2 Apply to a thickness of 1,5 to 4 mm.

- From 1,5 to 3 mm. on plasters and solid substrates to improve the hardness and anti-cracking effect of lime-based plasters.
- From 2 to 4 mm. to restore old plaster that is full of cracks specially in combination with anticracks mesh.
- If more thickness is required, it is advisable to apply in two layers. The second when the first is completely dry.
- Note that the greater the thickness, the greater the anti-crack effect since there will be more fibrous material.
- If you work on drywall and you want to apply it thickly, we recommend applying a primer to reduce wetting the paper excessively – otherwise, the paper could be pulled off.
- It is always recommended to use fiber mesh along the panel joints. These must be applied before skimming over the entire surface.
- Corner and shadow gap beads must be fixed before skimming the entire surface.
- Allow the surface to dry completely before applying the finish. The amount of resin and thickness significantly increases drying time. Material 2 millimeters thick requires 10-16 hours to dry at 20 ° C, but 3 mm thick material takes about 25-30 hours.

Technical Data

Packaging	25 kg bags
Dilution	with water. Grams 320 of water for 1 kg of product
Application temperature	min. 5 max 40°C - U.R. < 85 % ca.
Specific Weight	1,560 ± 50 (gr/Lt.) of wet product
Volumetric Mass	1,550 ± 60 of wet product
Ph after 30 days	10.8 ± 0,20
Vapour permeability	gr/m2 x 24 h = 260 ± 30 (ASTM norms)
Inflammability	non-flammable
VOC	As per Dir. 2004/ 427 EC, Cat . A/c: Paints for interior walls of mineral substrate. Eu limit 75 g/l (2007) 40 g/l (2010). **This product contains 0 g/l of Voc**.
Shelf life	24 months

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Storage suggestion	Product maintains its characteristics best if protected from extreme heat and humidity

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