

Document type	Technical Data Sheet
Name	ANTICRACK
Description	ANTICRACK is a flexible undercoat plaster which reduces the risk of cracks on plasters applied to drywall and on other unstable substrates. It considerably improves the impact resistance and durability of constructions. It is essential on drywall and on old plasters, and it's the ideal substrate for lime plasters.
Composition	It has a base of hydraulic lime, fine aggregates and fibres. It is reinforced with flexible resins and special natural additives.
Appearance	Powder
Colour	White
Packaging	25 kg bags
Application	By hand, using a trowel or spatula
Type of Surface	<p>Architectural vertical surfaces, interior and exterior.</p> <ul style="list-style-type: none"> • 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. • On gypsum, lime, or cement plasters to reinforce them or to reduce cracking and increase impact resistance. Apply QUARTZ PRIMER first. • On old plaster surfaces with cracks, first check how solid it is and impregnate the plaster with the UNIVERSAL PRIMER. • 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.
Dilution	225 ml of water per every 1 kg of product
Consumption	See application instructions
Drying	It depends on the thickness of the applied product. If the material is 2 mm thick , it requires 10-16 hours to dry at 20 ° C. If it is 3 mm thick, the material takes about 25-30 hours to dry, at 20°C.
Application temperatures	min 8 max 35°C – R.U. < 85% ca
Coat Thickness	Under normal temperature conditions this plaster can be applied in layers with a maximum thickness of 6 mm. its application will therefore have a minimum thickness of 1 mm and a maximum of 6 mm.
VOC Classification	EU Directive 2004/42/CE: EU limit value for this product (cat A/l): 200 g/l (2010). This product contains less than 200 g/l of VOC.
Shelf life	18 months when stored according to the recommended guidelines
Storage	In original sealed packaging between 5° and 35°C in a dry, dark environment
Safety Norms	Irritating. / Risk of serious damage to eyes. / Irritating to the skin. / Keep out of children. / Avoid contact with eyes. / In case of contact with eyes, clean immediately with water

without rubbing them, and consult a doctor. / Wear suitable gloves and eyes / face protection. / In case of ingestion of the products, consult immediately a doctor showing him the can or the label of the product. Danger labelling under directives 67/548/EEC and 1999/45/EC and following amendments and adjustments. The product must be transported, used and stored according to current standards of hygiene and safety.

Disposal

Product must be disposed of according to norms and regulations in force. Containers must be sent for recycling. Follow directions on the packaging.

Application Instructions

WARNINGS

To ensure proper usage, dilution, and application of the products mentioned in these pages, please consult the corresponding technical data sheets.

During application and for the following 24 hours, protect the surfaces from sudden temperature change, direct sun light and water. Don't apply in temperatures below 8°C or above 35°. During application make sure that the work area isn't too damp to avoid problems with application times.

APPLICATION

Dilute with 225 ml of water per every kg of product (5.6 L of water for 25 kg of ANTICRACK). Put the water in a container first and slowly introduce the powder. Mix it with a special mixer until there are no more lumps. Let it sit for at least 5 minutes, then stir it again for 20 seconds. Apply to a thickness of:

- 1,5 to 4 mm on plasters and solid substrates to improve the hardness and anticrack effect of lime-based plasters.
- From 2 to 4 mm to restore old plaster with cracks, especially in combination with an anticrack mesh.

If more thickness is required, it is advisable to apply in two layers. The second coat is applied 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 fibreglass 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 decorative plaster.

Tools

Trowel / Spatula. Clean tools with water after use.

We have drawn up the material presented above to the best of our technical and experiential knowledge. Nevertheless, our suggestions and recommendations are not guaranteed. All responsibility for the obtained results lies solely with the method and conditions adopted for the application of the product. Such indications constitute valid support for verifying the product's suitability for the specific case. We reserve the right to make modifications to the present information without previous warning.