

EPOXY FONDO

Technical Sheet - Ed. 06/2021



COMPANY
WITH QUALITY
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INDOOR



ROLLER



TROWEL

Epoxy adhesion promoter

DESCRIPTION

Two-pack epoxy resin-based formulation containing mineral fillers and powder extenders, specifically:

- used 'as is' to promote adhesion of subsequent phases to the substrate
 - with the addition of quartz filler to create base skim coats for the resin-based flooring.
- For indoor use. For professional use.

MAIN PROPERTIES

- Fixing Primer
- Adhesion promoter

TECHNICAL DATA

Classification UNI 8681	Two-pack thick-coat formulation with chemical-reactive epoxy hardening (C.2.D.1.C.1.DA)
Film aspect EN 13300	Satin G2 (< 10 gloss 85° > 60 gloss 60°)
Thickness EN 13300	Class A, fine (< 100 µm)
Maximum applicable thickness	2mm per coat
Adhesion on concrete	> 1.5 MPa
Specific weight	as adhesion promoter (A+B): 1400 ± 50 g/l as skimming base coat (A+B+C): 1600 ± 50 g/l
Type of binder	Epoxy (UNI 8681:DA)
Solid content	as adhesion promoter (A+B): 100% as skimming base coat (A+B+C): 100%
Pot Life	Approx. 30 min
Catalysis ratio (weight)	as adhesion promoter A: B = 80 : 20 as skimming base coat A: B : C = 80: 20: 70
Drying time	Dust dry: 6 hrs Touch dry: 12 hrs
VOC	Cat S/g: limit 350 g/l (2010) This product contains a maximum of 337 g/l of VOCs

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CHARACTERISTICS	
Colour range	Neutral
Coverage	as adhesion promoter: 0.35 Kg/m ² as skimming base coat: 1.7 kg/m ² per mm of thickness
Coverage per pack	
Dilution	as adhesion promoter: max 15% as skimming base coat: Ready to use
Diluted with	Epoxy Thinner (Ivas)
Overpaintable	After 24 hours, and not more than 36 hours, with any other film-forming product. After 36 hours, careful sanding is required.

APPLICATION

Suitable Substrates:

Concrete, stone and brick floors after suitable preparation.

Preparation of the Substrate:

The substrate must be dry and thoroughly free from dirt of any kind as well as powdery, loose or friable areas.

If necessary, we recommend sanding/blasting/grinding and applying EPOXY FONDO only when the substrate is dry (hygrometer testing must show that the moisture present does not exceed 4%; make certain that the substrate contains an adequate vapour barrier).

Application Procedure:

as adhesion promoter:

Pre-mix the individual packs to remove any sediment, then pour pack B into pack A and mix thoroughly with a low speed mixer until the mixture looks smooth and lump free. Apply the product using a roller or brush to achieve a film that is about 200 µ thick;

- as skimming base coat:

under mixing, gradually add the quartz filler C Quarzo 06 (Ivas) to the mixture of packs A+B and blend until a smooth, well dispersed consistency is achieved. Pour the product onto the substrate, then spread 1-2 mm of EPOXY FONDO with a serrated spatula and finally run a bubble-buster roller over the wet coating, crossing the direction of strokes.

Type of Equipment:

Rollers or brushes, serrated spatulas for thick-coat application

Ambient Conditions:

Application temperature: min 10°C max 35°C RH max 80% The product cannot endure moisture in the 8 hours after application

STORAGE

Packaging:

Pack A: 12 kg - 3 kg - 1 kg

Pack B: 3 kg - 0,75 kg- 0.250 kg

Duration and Preservation:

6 months when stored in undamaged packages at between 5 and 30°C; cannot endure frost and direct sunlight

Dispose of in accordance with local regulations.

For information on possible hazards, refer to the safety data sheet

TECHNOLOGIES/CERTIFICATIONS