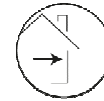


EPOXY BOND

Technical Sheet - Ed. 06/2021



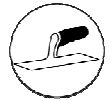
COMPANY
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INDOOR



ROLLER



TROWEL

Two-pack binder for mortars

DESCRIPTION

Two pack, solvent-free, transparent epoxy resin binder to produce screeds with thickness ranging from 5 to 10 mm. Ideal for resin mortars for industrial floorings requiring high mechanical resistance. For professional use. For indoor use.

MAIN PROPERTIES

- For the production of thick screeds

TECHNICAL DATA

Classification UNI 8681	Two-pack, chemical-reactive hardening, epoxy formulation. (C.3.D.1.C.2.DA)
Film aspect EN 13300	Glossy (> 60 gloss 60°)
Thickness EN 13300	Class A, fine (< 100 µm)
Maximum applicable thickness	1cm per coat
Adhesion on concrete	> 1.5 MPa
Specific weight	(A+B): 1100 ± 50 g/l
Type of binder	Epoxy (UNI 8681:DA)
Solid content	(A+B): 100%
Pot Life	Approx. 30 min
Catalysis ratio (weight)	A: B = 2 : 1
Drying time	Dust dry: 6 hrs Touch dry: 12 hrs Full hardening: 7 days
VOC	Cat S/j: limit 500 g/l (2010) This product contains a maximum of 184 g/l of VOCs

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CHARACTERISTICS	
Colour range	Transparent
Coverage	2 kg/m ² per mm of thickness
Coverage per pack	
Dilution	Ready to use
Diluted with	do not dilute
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:

Flooring. It can be applied on all substrates after they have been adequately prepared with EPOXY BOND adhesion promoter.

Preparation of the Substrate:

Application Procedure:

On the suitably prepared substrate, the adhesion promoter EPOXY BOND must be applied by roller, brush or spraying equipment — approx. 300-400 gr/m².

Mix the individual components of EPOXY BOND in advance and then pour pack B into pack A and mix thoroughly with a low speed mixer until the mixture appears quite smooth. The resulting binder can be mixed with the graded quartz filler Quarzo 04 (IVAS) in a ratio of 1:10, using a forced mechanical mixer, preferably a planetary mixer.

Then, when the EPOXY BOND primer is still fresh, the mortar is applied and distributed using a levelling bar and then smoothed, preferably with a mechanical finishing trowel.

During application, it is advisable to use metal rulers as reference for the thickness to be achieved and as support for the levelling bar. Once hardened, the surface will be smooth, compact and of the desired thickness, normally between 5 mm and 10 mm, its appearance will be porous.

To obtain a waterproof or coloured surface finish, using trowel or rubber squeegee, the surface must be plugged with EPOXY BOND or Epoxy Paint HT (IVAS) containing 15% French silica filler.

Type of Equipment:

Manual or mechanical levelling bars and trowels.

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: 2,5 kg – 8 kg – 400 kg

Pack B: 1.25 kg – 4 kg - 200 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