



Two-pack epoxy-based base coat

DESCRIPTION

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

- when used 'as is' or diluted by a maximum of 15%: to promote adhesion of subsequent phases to the substrate
- with the addition of Quarzo 06 Met: to create base skim coats for the resin-based Metropolis® Resins flooring line. 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	1cm per coat
Adhesion on concrete	> 1.5 MPa
Specific weight	(A+B): 1400 + 50 g/l (A+B+C): 1600 + 50 g/l
Type of binder	epoxy (UNI 8681:DA)
Solid content	(A+B): 100% (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

CHARACTERISTICS

Colour range	Neutral
Coverage	as adhesion promoter (A + B): 3.3 mq/kg (35,5 sq ft/Kg) as skimming base coat (A+B+C): 0.60 mq/kg per 2 mm of thickness
Coverage per pack	Coverage varies depending on substrate absorption and type of application
Dilution	as adhesion promoter: max 15% as skimming base coat: Ready to use
Diluted with	Diluyente per Epossidici (Ivas)
Overpaintable	as adhesion promoter: METROPOX FONDO, Metroresin Body as skimming base coat: Metroresin Body

APPLICATION

Suitable Substrates:

Concrete and existing ceramic 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.

Sanding, shot-peening, grinding and the application of METROPOX FONDO are recommended only after completely dedusting the substrate.

Application Procedure:

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.

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 Met 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 the METROPOX FONDO to a depth of 1 to 2mm with a notched trowel and finally run a bubble-buster roller over the wet coating, crossing the direction of strokes.

Type of Equipment:

Short-haired wool roller (Magritte Roller), 6mm notched trowel (Kandinsky Trowel) or bubble-buster roller (Klee Roller)

Ambient Conditions:

Application temperature: min. +10°C max. +35°C. Maximum relative humidity: 80% The product cannot endure moisture in the 6 to 8 hours after application

STORAGE

Packaging:

Pack A: 12 kg - 3 kg

Pack B: 4 kg - 1 kg

Duration and Preservation:

1 year 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