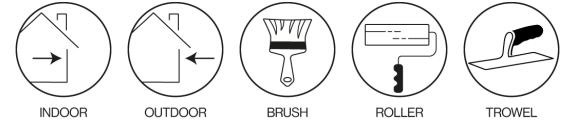


epoxy primer xb

technical sheet - ed. 01/2026



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Two-component solvent-free impregnating agent

DESCRIPTION

Two-component transparent epoxy formulated based on solvent-free epoxy resins, with exceptional adhesion on mineral supports, excellent resistance to atmospheric and chemical agents, suitable for applications in industrial and marine environments. Ideal as an adhesion promoter for painting, it can also be used as an impregnation and adhesion promoter (in the first 48 h) when the product must be finished with epoxy, epoxy, polyurethane or chloro-rubber paints. Primer for Ivaglass. Can be filled with Quarzo 06 (IVAS) for a greater filler effect. Restricted to professional users. For indoor and outdoor.

MAIN PROPERTIES

- Transparent anchoring base
- Ideal as preparation for painting
- Dustproof

TECHNICAL DATA

Volatile organic compounds (VOC)	Cat A/h (2004/42/CE); EU limit 750 g/l (2010). This product contains max 138,00 g/l of VOCs.
Film aspect EN 13300	Satin G2 (< 10 gloss 85° > 60 gloss 60°)
Thickness EN 13300	Class A, fine (< 100 µm)
Adhesion on concrete (EN 1542)	4.6 ± 0.2
Classification (UNI 8681 / UNI 8682)	Two-pack, chemical hardening, epoxy-based base coat formulation, semi-gloss. (A.2.A.1.C.1.DA)
Specific weight	(A+B): 1050 ± 50 g/l
Type of binder	Epoxy (UNI 8681:DA)
Solid content	(A+B): 30 ± 2%
Catalysis ratio (weight)	A: B = 2: 1
Drying time	Dust dry: 6 hrs Fully dry: 12 h Interval between coats: 12-18 h
Pot life	5-20 min depends on the temperature of use
	72 ± 2
	100 ± 5
Impact resistance	Class I
Viscosity Brookfield	(A+B) 650 ± 80 mPa*s

CHARACTERISTICS

Coverage	150-250g/m2 depends on the type of application
Coverage per pack	15Kg (10+5): 60 m2, approx. Coverage varies according to substrate absorption.
Overpaintable	After 24 hours, and not more than 36 hours, with any other film-forming product. After 36 hours, careful sanding is required.
Colour range	Transparent
Dilution	Ready to use

APPLICATION

Notes:

In case of high temperatures, a light sanding is recommended before applying the subsequent coat.

If the overcoating is expected to take place beyond the maximum time (which varies, depending on temperature, from 5 to 24 hours), it is necessary to carry out a light quartz sand broadcast onto fresh Epoxy Primer XB.

Do not apply on rubber surfaces.

Suitable Substrates:

Cement-based plaster, precast concrete features, fibre cement, concrete flooring, wood, stone and any very porous substrate

Ambient Conditions:

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

Preparation of the Substrate:

All substrates must be carefully prepared by manual or mechanical brushing, depending on the nature of the substrate and the degree of dirt present on the surfaces to be treated.

The surfaces must be clean, dry and mechanically sound, free from salt efflorescence, loose or friable parts, release agents, waxes, oils, greases or any other contaminants that could compromise system adhesion.

The residual moisture content of the substrate must be below 4%.

In the case of industrial concrete finished with coloured quartz, an adequate surface roughening is required, to be carried out by shot blasting or deep and accurate diamond grinding, in order to ensure proper adhesion of subsequent application layers.

Reconstruction of expansion or control joint edges

Perform two parallel cuts along the edges of the joint to be repaired.

Remove the deteriorated concrete until a sound and cohesive substrate is reached, to the required depth.

Apply FONDO SL (A+B) neat as a primer on the surfaces to be reconstructed.

Fill the removed area with a mix composed of 1 part by weight of FONDO SL (A+B) and 6 parts by weight of QUARTZ.

After complete curing, re-cut the joint and proceed with sealing using ADEFLEX.

Type of Equipment:

Medium nap-roller, brush, steel trowel

Application Procedure:

Pre-mix the two individual components separately and then pour component B into component A, respecting the catalysis ratio.

Mix for several minutes until a homogeneous blend is obtained; only at this stage, if required, add QUARTZ or SOLVENT and remix thoroughly until a uniform mixture is achieved.

Use as dust-proofing treatment

Dilute the product with EPOXY SOLVENT at a ratio of 150–200%, depending on the absorption of the substrate. Apply with an indicative consumption of 150–200 g/m².

Use as consolidating primer

Use the product neat for the consolidation and wetting of concrete surfaces, sand-cement screeds, anhydrite and natural calcium sulphate, prior to the application of resin coatings.

Apply on substrates previously diamond-ground, with an indicative consumption of 150–200 g/m².

Use as high-build primer

On industrial concrete surfaces, previously prepared by shot blasting or diamond grinding, prior to the application of resin coatings of any type.

Mix FONDO SL (A+B) with QUARTZ in a proportion ranging from 30% to 100% by weight of the A+B component and apply with an indicative consumption of 450 g/m².

Use as flowable mortar for fillings

Prepare a mixture composed of 1 part by weight of FONDO SL (A+B) and 6 parts by weight of QUARTZ. Apply with an indicative consumption of 1.8 kg/m².

Use as open-pore trowellable mortar ("earth-moist consistency")

For slope correction or filling of surface irregularities, prior to the application of resin coatings of any type. Prepare a mixture composed of 1 part by weight of FONDO SL (A+B) and 15 parts by weight of QUARTZ. Indicative consumption: 2.2 kg/m².

STORAGE

Disposal and safety indications:

Dispose of in accordance with local regulations.

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

Packaging:

Pack A: 2 kg - 10 kg

Pack B: 1 kg - 5 kg

Storage:

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

TECHNOLOGIES/CERTIFICATIONS

