

Ecofondo

Breathable, water-based epoxy primer (A+B+C).

Three-component, breathable, water- and binder-based epoxy, which can also be used as a primer on surfaces with rising damp.



Properties

- High chemical resistance
- Good anchorage on concrete
- Excellent anchorage on resin-based finish coats.
- High adhesive power.

Performances (25°C – 50% H.R.)

- Specific gravity: 2.5 +/- 0.1 g/ml
- Direct tensile adhesion test: 1,67 MPa (EN 1542)
- Water vapor permeability: 0.381 m (EN ISO 7783)
- Water permeability: 0.1 kg/h0.5.m2 (EN1062-3)
- Dry residue: 82% by weight

**These results are standard test results and may vary depending on site conditions.*

Technical data

• Application temperature	10 - 35°C y H.R. <75%
• Packing (A+B+C)	Pack: 20,25 kg
• Consumption	±0,3 kg/m ² (1 layer) / With added Quartz: ± 0,5 kg/m ² (1 layer)
• Color	White
• Flash point	Not applicable
• Dosage between components	A= 100 - B= 32 - C=125
• Pot-life (50% H.R.)	10°C: >90min 25°C: >45min 35°C: >25min
• Dry to touch (50% H.R.)	10°C: >120min 25°C 25-35min 35°C 15-25min
• Adhesion to concrete	>3,5 N/mm ²
• Tool cleansing	Water
• Storage	In unopened original container (5-35°C), protected from weather and humidity: 1 year

Uses

- Adhesion and regularization bridge for surfaces
- Cement based.
- Undercoat for resin coatings on floors with presence of humidity.
- Osmotic barrier in concrete, brick, stone and masonry walls.
- Plastering in superficial and structural cracks and fissures.

Supports

- The support must have a minimum mechanical resistance to compression of 25 N/mm² and to traction of 1.5 N/mm².

Recomendations

- On smooth, non-absorbent surfaces, open pores by mechanical means (abrasive blasting, troweling, abrasive disc) accompanied by a deep suction.
- Apply with good air renewal, 100% solids, solvent free.
- Always respect the same dosage.
- Do not apply on wet floors or standing water.
- Do not add any additive to the mixture.
- Avoid splashing the product in the eyes and skin.

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Performance conditions

- On completely clean surface and free of grease and other materials.
- Do not apply with relative humidity above 75% and ambient temperature below 10°C..
- On fully cured cement base (≥ 28 days).
- Dilute with 15% by weight of clean water and apply by roller, airless, brush.
- Between coats, at least 48 hours must elapse (at 25°C and 50% RH), checking with hygrometer the complete drying. In the presence of humidity, apply additional coats of Ecofondo until complete drying.
- Ecofondo can be applied with a smooth trowel. In this case load the A+B with 50% of Quartz b1, mix well and apply.

Support preparation

The substrate must be carefully cleaned by removing paint, plaster, salts, as well as cement residues, grease, chemicals, loose particles and coatings with poor mechanical anchorage.

Usage way

- Mix components A + B with a mixer at low revolutions to obtain a perfect homogenization for 2 minutes, add component C (quartz) and mix for approx. 1 minute.
- The application of the already mixed product can be done with airless, brush, roller...

Associated products

- Ecofondo one
- Cuarzo



Packing

Pack (A+B): 25 kg

Color

Standard: colorless
(other colors on demand)

Consumption

1 kg between 10 - 14 m² (1 layer)

Preservation

In sealed original packaging (20 °C) and protected from weather and humidity: 1 year

! IMPORTANT

The observations and prescriptions of this data sheet, although corresponding to our best experience, should be considered, in any case, purely indicative, and should be tested by exhaustive practical applications; therefore, before using the product, the user must establish whether or not it is suitable for the intended use, and assumes all liability that may arise from its use. Once the product has been handled or applied, the manufacturer shall not assume any claim whatsoever, nor any liability as to the manner, mode and conditions of application.