

Ecopox CEM Plus 3C

Three-component epoxy mortar - Vapor barrier (A+B+C)

Primer and vapor barrier for resin coatings



Description

Three component product (A+B+C) based on epoxy resin modified with aluminate additives to create an osmotic barrier and/or waterproofing membrane.

Properties

- Bond coat and regularization
- Primer for resin coatings
- Vapor barrier for floors and walls
- In interiors

Support preparation

- The surface of the substrate affected by humidity must be carefully cleaned by removing paint, plaster, salts, as well as cement residues, grease, chemical products, loose particles and coatings with poor mechanical anchorage.
On new concrete cured > 28 days.

Performances

- Specific gravity : 1,50 ± 0,05 g/ml
- Dry residue: 90% by weight
- Flash point: not applicable

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

Uses

- Binding layer and regularization of concrete surfaces.
- Primer for resin coatings and floors in the presence of wet substrates.
- Vapor barrier on concrete walls, brick and / or stone.
- Stucco for sealing cracks and fissures.
- Primer for coatings on slabs.
- In interiors.

Supports

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

Support preparation

- The surface of the substrate affected by humidity must be carefully cleaned by removing paint, plaster, salts, as well as cement residues, grease, chemical products, loose particles and coatings with poor mechanical anchorage.
- On new concrete cured > 28 days.

Technical data

• Packing	Pack A+B+C: 25 kg
• Application temperature	10-30°C y HR <75%
• Consumption	0,6 – 1 kg/m ² (1 layer)
• Color	Dark grey
• Dosage (A+B+C)	A=100, B=50, C=100
• Pot life (50% HR)	10°C: > 3hs 25°C: >2hs 35°C: >75min
• Dry to touch (50% HR)	10°C: 20-24hs 25°C: 8-10hs 35°C: 4-6hs
• Pedestrian traffic (50% U.R.)	>24 hours (25°C)
• Adhesion to concrete	> 3,5 N/mm ² ,
• Tool cleansing	Water
• Storage	* 6 months for component C. * 12 months for components A and B. Store in a dry place at a temperature between 5°C and 35°C and away from weather and humidity.

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Vapor barrier (A+B+C)

Application

- Tri-component product: Join component A (Epoxy Resin) and component B (hardener) in the bucket, mixing with a whisk at low revolutions for approximately 2 minutes. Then add component C (special cement) and mix for 2 more minutes.
- Dilute with 15% by weight with clean fresh water and apply with a suitable trowel, the consumption is approximately 0.6 to 1 kg/m² for each application.
- Before proceeding with the coating, wait 24 hours (at 25°C and 50% relative humidity), check that the hygrometer is completely dry. In case of results indicating the presence of humidity, apply additional coats of **Ecopox-cem plus 3 c**, until complete drying.

Usage way

Mix components A + B with a mixer at low revolutions for at least 2 minutes, add component C and mix for 2 minutes more, until a perfect homogenization is obtained.

The application can be done with a steel or rubber trowel.



Packing

Pack A+B+C: 25 kg

Color

Cement grey

Consumption

0,6 – 1 kg/m² (1 layer)

Preservation

** 6 months for component C.

**12 months for components A and B.

Store in a dry place at a temperature between 5°C and 35°C and away from weather and humidity.

⚠ 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.