

# Ecopox Fluid 3C

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

3-component formula based on liquid epoxy resins in aqueous emulsion and hydraulic binders, used as a base for surfaces, even wet and under counter-pressure. It offers fast hardening even in low temperature and high humidity conditions.



## Properties

- High wear resistance
- For large industry
- On surfaces subject to high traffic
- Indoors

## Support preparation

- The surface must be solid, absorbent and free from the presence of oils, surfactants, water, dust. Any inconsistent parts should be removed. Floors should be treated mechanically, by sanding, shot blasting or milling.

## Performances (25°C – 50% H.R.)

- Relative humidity: <75%.
- 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 (EN 1062-3)
- Dry residue: 82% by weight

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

## Uses

- Connection and regularization layer for cementitious floors and tiling.
- Undercoat for resinous floor coatings in the presence of damp substrates.

## Supports

- The subfloor must have a minimum compressive strength of 25 N/mm<sup>2</sup> and tensile strength of 1.5 N/mm<sup>2</sup>.

## Support preparation

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## Technical data

• Packing	Pack (A+B+C): 28 kg
• Application temperature	5 - 35°C
• Consumption	±2 kg/m <sup>2</sup> (1 capa)
• Color	Cement grey
• Flash point	Not applicable
• Dosage (A+B+C)	A= 100 - B= 80 - C=100
• Pot life (50% HR)	10°C: >50min      25°C: 30-40min 35°C: 15-25min
• Dry to touch (50% HR)	10°C: 18-22hs      25°C 2-3hs 35°C 1-2hs
• Adhesion to concrete	>3,5 N/mm <sup>2</sup>
• Tool cleansing	Water
• Storage	In unopened original container (5-35°C), protected from weather and humidity: 1 year

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## Application

- Prepare the mixture of the 2 liquid components A + B by pouring the contents of part B into part A of the container.
- Mix with a drill for about 2 minutes, add the pre-dosed hydraulic binder (comp.C) to the mixture A + B and homogenize with a drill mixer for about 1 minute. To disperse the product optimally, it is necessary to pour the powders in small quantities, continuing to mix with the drill for 1 minute.
- Apply with a steel or rubber trowel...with a consumption of approx. 2 kg / m<sup>2</sup> per pass.
- Before continuing with the coating or with the following resin coatings, wait at least 24 hours (25 ° C and 50% U.R.) and verify with a hygrometer the complete drying.

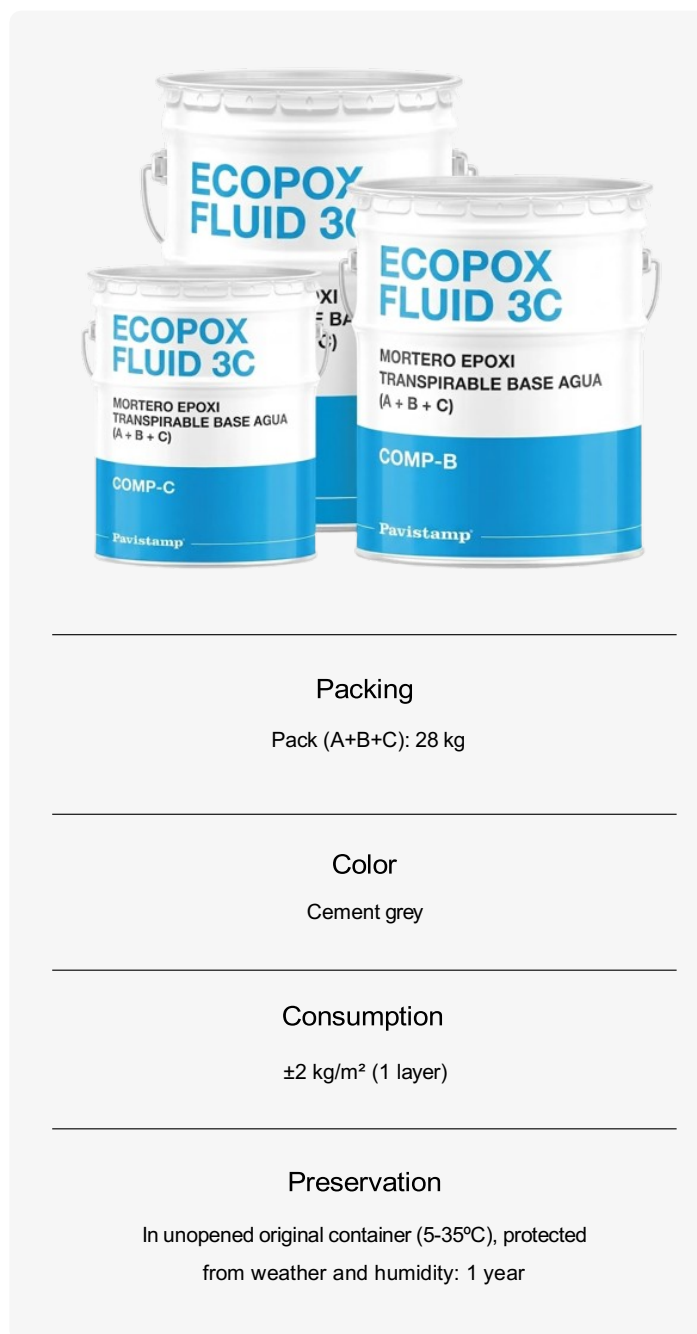
## Usage ways

Mix components A + B with a mixer at low revolutions for at least 2 minutes, add component C and mix for approx. 1 minute, until a perfect homogenization is obtained.

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

## Associated products

Ecofondo  
Cuarzo



### Packing

Pack (A+B+C): 28 kg

### Color

Cement grey

### Consumption

±2 kg/m<sup>2</sup> (1 layer)

### Preservation

In unopened original container (5-35°C), 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.