

# Decopox

## Decorative water-based epoxy mortar (A+B)

Two-component mortar based on epoxy resins in aqueous dispersion.



### Properties

- High wear resistance
- Vapour permeable
- Repair and restoration of floors
- In interiors

### Performances

- Specific gravity (25°C):  $2.00 \pm 0.05$  g/ml
- Viscosity Mp (25°C):  $5.000 \pm 1.000$  (spindle 2, rpm 5)
- Compressive load:  $>25$  N/mm<sup>2</sup> (days of cure and 50% RH)
- Flash point:  $>100^\circ\text{C}$
- Humidity in the substrate: 0%

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

### Support preparation

- The concrete supports must be solid, dry (completely set if they are of new construction  $>28$  days), level, absorbent, not contaminated with oils, detergents, powders or other substances.
- Evaluate the most suitable type of mechanical preparation (with use of abrasive machine, polishing machine, hydro-cleaner...) and apply a coat of Paviplast epoxy tte.
- The oily surfaces must be thoroughly roughened and treated with Pavex 2c-primer + quartz primer already mixed or by sprinkling until saturation on the fresh product.
- On non-absorbent substrates (ceramic, marble...), abrade, sand and vacuum, then apply a coat of Decopox-cem plus 3c.
- On bases with no guarantee of stability, create a reinforcement by adding a fiberglass mesh to the system.

### Important

For yellow, orange or some red shades, additional coats may be necessary to obtain a good coverage (in some cases a first coat in white is recommended).

Different production batches of the same color may show small differences, so it is recommended to use material from a single production batch.

Some colors based on organic pigments (reds, blues, greens and intense yellows) tend to fade when subjected to abrasion (either dry or wet). In these cases it is advisable to protect the color with a clear topcoat.

### Enforcements

- For screeding or as a semi self-leveling mortar.
- Excellent adhesion on concrete, tiles, resin coating.
- Vapour permeable.
- Good wear resistance.
- Ideal for decorative effects.
- Flooring, apartments, offices, industrial.
- Repair and restoration of floors.
- In interiors

### Technical data

|                               |  |
|-------------------------------|--|
| • Packing                     | Pack (A+B): 20 kg  |
| • Application temperatures    | $15^\circ\text{C}$ - $30^\circ\text{C}$ y HR $<75\%$   |
| • Consumption                 | $0,5 - 0,6$ kg/m <sup>2</sup> (1 layer)  |
| • Colors                      | Neutral (colores)  |
| • Dosage (A+B)                | Weight: A= 90 – B=10   |
| • Pot life (50% HR)           | $5^\circ\text{C}$ : $>60$ min $25^\circ\text{C}$ : $>40$ min $35^\circ\text{C}$ : $>25$ min            |
| • Dry to touch (50% HR)       | $15^\circ\text{C}$ :14-18hs $25^\circ\text{C}$ :5-7hs $35^\circ\text{C}$ :3-5hs                        |
| • Pedestrian traffic (50% HR) | $>18$ hours ( $25^\circ\text{C}$ )   |
| • Repainting (50% HR)         | 18-36 hours ( $25^\circ\text{C}$ )   |
| • Deep hardening              | $>7$ days ( $25^\circ\text{C}$ y 50% HR)   |
| • Tool cleansing              | Water  |
| • Preservation                | In sealed original packaging ( $5$ - $35^\circ\text{C}$ ), protected from weather and humidity: 1 year |
| • Maintenance and cleaning    | With neutral detergents  |

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## Usage ways

Mix components A + B with a mixer at low revolutions for at least 1 minute, until a perfect homogenization is obtained.

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

## Application

- Pour the content of part B over part A, stir and mix with a low speed mixer. If necessary, add dilution water and continue mixing until a completely homogenized mixture is obtained. To color the formulation, a water-based universal pigment should be added that has good compatibility within the system.

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- The amount of pigment with respect to component A+B can vary from 1 to 10% depending on the desired color effect.

**Decopox spatula** can be used to obtain decorative supports with various effects, for this type of application consult the indicative cycles or ask for technical assistance.

## Associated products

- Ecopox-cem plus 3c
- Pavex-2c primer
- Paviplast epoxi
- Cuarzo

## ⚠ 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.



## Packing

Pack (A+B): 20 kg

## Color

Neutral (colors)

## Consumption

0,5 – 0,6 kg/m<sup>2</sup> (1 layer)

## Preservation

In sealed original packaging (5-35°C) and protected from weather and humidity: 1 year