

# Decopox MG

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

Two-component mortar based on epoxy resins and magnesium carbon, in aqueous dispersion.



### Properties

- With Magnesium Carbon Blend
- High wear resistance
- Compact mass of micro crystals
- Vapor permeable
- Floor repair and restoration
- Indoors

### 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 primer **Pavex-2c primer** + quartz already mixed or by sprinkling until saturation on the fresh product.
- On non-absorbent substrates (ceramic, marble, etc.), roughen, sand and vacuum, then apply a coat of **Ecopox-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.

### Performances (25°C – 50% H.R.)

- 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> (7 days cure and 50% RH)
- Flash point: >100°C
- Humidity in the substrate: 0%

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

### Uses

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

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### Technical data

• Packing	Pack (A+B): 5 / 20 kg
• Application temperature	15°C-30°C y HR <75%
• Consumption	0,5 – 0,6 kg/m <sup>2</sup> (1 layer)
• Color	Neutral (colors)
• Dosage (A+B+C)	Weight: A= 90 – B=10
• Specific weight (a 25°C)	1,80 – 1,90 g/ml
• Pot life (50% HR)	5°C:>60min 25°C:>40min 35°C:> 25 min
• Dry to touch (50% HR)	15°C: 14-18hs 25°C:5-7hs 35°C:3-5 hs
• Pedestrian traffic (50% HR)	>18 hours (25°C)
• Repainting (50% HR)	18-36 hours (25°C)
• Deep hardening	>7 days (25°C y 50% HR)
• Tool cleansing	Water
• Maintenance and cleaning	With neutral detergents
• Storage	In original closed container (5-35°C), protected from weather and humidity: 1 year.

# Decopox MG

Decorative water-based  
epoxy mortar (A+B)

## 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.

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

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

## Usage way

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.

## Associated products

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



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## Color

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## Consumption

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## Preservation

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## ⚠ 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.