

Redexy 3C

Water based decorative epoxy mortar with selected high wear resistant aggregates.



Properties

- High wear resistance
- For decoration
- On surfaces subject to high traffic
- In interiors

Description

- Tricomponent product (A+B+C) based on water-based epoxy resin.
 - A - Aminic resin in aqueous vehicle.
 - B - Epoxy resin
 - C - Pre-made based on selected high resistance aggregates and inorganic additives.

The mortar allows to obtain coatings with high wear resistance even at minimum thicknesses.

Performances (25°C y 50% HR)

- Specific Gravity: 2,5 +/- 0,1 g/ml
- Viscosity: 4.000 +/- 800 Mp
- Compression (>7 days): >30 N/mm2 (spindle 3, rpm 5)
- Bending load (>7 days) : >20 N/mm2
- Dry residue: 84.3% by weight

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

Technical data

• Packing	Pack 22,5 kg
• Application temperature	10-30°C
• Consumption	0,5-1 kg/m2 (1 layer)
• Color	Cement grey
• Dosage (A+B+C)	A=45 B=30 C=100
• Flash point	Not applicable
• Pot life (50% HR)	5°C >30min 25°C >20min 30°C >10min
• Dry to touch (50% HR)	5°C 15-18hs 25°C 8-10hs 30°C 4-5hs
• Pedestrian traffic (50% HR)	25°C >8 hours
• Tool cleansing	Water
• Storage	In sealed original container (5-35°C), protected from weather and humidity: 1 year *Comp. B, sensitive to air humidity

Uses

- For decorative pavements with high wear rates.
- For floors in warehouses and commercial premises subject to high traffic.
- 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

- Concrete subfloors must be solid, level, absorbent, not contaminated with oil, dust or other substances.
- The most suitable type of mechanical preparation should be carried out (abrasive machine, sander or pressure washer) and then apply a coat of **Pavex 2c primer** with a dusting of **Quartz** 0.1-0.5 mm, once dry, vacuum the loose **Quartz** thoroughly.
- Oily surfaces should be thoroughly roughened and treated with a mixture of **Pavex-2c primer + Quartz** or over the freshly applied resin, sprinkle the **Quartz** to saturation. The same solution can be adopted to regularize and ensure a guarantee of solidity.
- On new concrete with a setting time >28 days.

P.D.

- This treatment reduces the breathability of the coating.
- The tile bottoms must be roughened vigorously.
- The non adhered tiles must be eliminated and restored with **Pavirapid**.

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Application

- Independently prepare the mixture of the 2 liquid components A+B by pouring the contents of component B into the container of component A and mix with a whisk at low speed for at least 2 minutes.
- Add to the mixture A+B the part of component C (powder), mix with the whisk for about 1 minute.
- To optimally disperse the product, it is advisable to pour the powder little by little, continuing to remix.
- Spread and distribute the mixture quickly with a trowel, at a consumption of 0.5 -1 kg/m2 for each pass.
- Surface finishing with **Orfapol 50**, with an approximate consumption of 0.05 - 0.1 kg/m2.

Usage way

- Mix components A + B with a whisk 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 done with a steel or rubber trowel.

Associated products

Pavex-2c primer
Cuarzo
Pavirapid
Orfapol 50



Packing

Pack: 22,5 kg

Color

Cement grey

Consumption

0,5-1 kg/m2 (1 layer)

Preservation

In closed original container (5-35°C), protected from weather and humidity: 1 year.

**Component B, sensitive to air 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.