

Epoxol[®] Deco

Solvent-free epoxy system, suitable for the creation of self-leveling decorative floors with a granite look

Fields of application Epoxol[®] Deco can be applied on superstores, caterings, hotels or residential floors. It gives a final surface with a natural look of granite.

Properties Epoxol[®] Deco is a two-component epoxy system based on selected resins and hardeners without solvents which show great abrasion and yellowing resistance, significant strength and chemical resistance. It consists of a transparent resin (A + B) and decorative filler.

Technical Characteristics

Appearance	Semi-gloss
Density	Component A: 1,1 gr/cm ³ Component B: 1,02 gr/cm ³
Mixing ratios (weight prop.)	100A:60B
Curing time (+25°C)	10 hours
Pot life (+25°C)	40 minutes
Dry to recoating (+25°C)	24 hours
Minimum temperature application	+12°C
Walkability (+25°C)	24 hours
Total hardening	~ 7 days
Abrasion resistance	71 mg (- ASTM D 4060, TABER TEST, CS 10/1000/1000)
Impact resistance	IR4 (EN ISO 6272)
Hardness-Shore D 15" (ASTM 2240)	72
Compressive strength (DIN 53452)	78 N/mm ²
Flexural strength (DIN 53452)	52 N/mm ²
Adhesion strength	≥ 2,5 N/mm ²

Instructions for use

Surface preparation: The flooring surface should be dry (moisture content of mortar <4%), stable and protected from rising moisture attack. The surface should be also free from dust, dirt, greasy and oily substances. Therefore, it should be brushed, grinded or sandblasted and after that cleaned with vacuum cleaner. Moreover, imperfections of new surfaces should be smoothed with pulveriser for lower material consumption and for achieving better adhesion properties.

Priming: Priming of the surface is applied with epoxy solvent paint **Neopox[®] Special (Ral 7040)** in one layer with brush, roller or spray, diluted with solvent **Neotex[®] 1021** 10% by weight. In case of surface

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humidity content >4% or rising moisture attack apply **Neopox[®] Primer AY** before the application of **Neopox[®] Special (Ral 7040)**.

Application: After **Neopox[®] Special (Ral 7040)** dries, **Epoxol[®] Deco** is applied. Mix 1 kg resin with 1,7-2 kg filler (3-5 minutes) until a uniform mixture has been achieved. The epoxy mortar is applied at a preferred thickness of 1,5-2 mm with a serrated trowel. For avoiding bubbles on the final surface, use a spiked roller when rolling the self-levelling layer, after the use of the serrated trowel.

Indicative consumption: (Resin: Filler – 1 kg: 1,7 kg): 1 m² of 2 mm thickness.

Notes

- Low temperatures and high humidity during application prolong drying time, while high temperatures decrease it.
- Product application should take place at least 4 weeks after casting the new concrete.
- Due to the paint's nature, its constant & direct exposure to UV-radiation, may cause chalking along time.
- After stirring the whole mix, pour the mortar soon enough, in order to prevent high temperature and polymerization inside the pot.
- Cracks or holes need to be filled with **Epoxol[®] Putty**.

Cleaning of tools

Clean all tools and application equipment with solvent **Neotex[®] 1021**.

Stain removal

Use the solvent mentioned above when the stain is still fresh and damp. In case of hardened stains, use mechanical means.

Packing

Resin: Sets of 10kg (components A&B have fixed weight proportion)
Filler: Bags of 17kg

Storage stability

The product is usable for 3 years (+5°C to +45°C) when kept unopened in its original container, protected from frost and direct sunlight.