

ESTABLISHED IN 1959

CONSTRUCTION CHEMICALS
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Epoxol® Deco

Solvent-free epoxy system, suitable for the creation of selfleveling 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.

PropertiesEpoxol® 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/cm³

Component B: 1,02 gr/cm³

Mixing ratios (weight prop.)

100A:60B

Curing time (+25°C)

10 hours

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/mm² Flexural strength (DIN 53452) 52 N/mm² Adhesion strength $\geq 2,5 \text{ N/mm}^2$

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 smoothened 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

The information supplied in this datasheet, concerning the uses and the applications of the product, is based on the experience and knowledge of NEOTEX® SA .It is offered as a service to designers and contractors in order to help them find potential solutions. However, as a supplier, NEOTEX® SA does not control the actual use of the product and therefore cannot be held responsible for the results of its use. As a result of continual technical evolution, it is up to our clients to check with our technical department that this present data sheet has not been modified by a more recent edition.



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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 m^2 of 2 mm thickness.

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- 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 UVradiation, 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.



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