

Epoxol[®] 3D

Two-component epoxy system for 3D floors or embedding various items

Fields of application

Epoxol[®] 3D presents an ideal solution for the installation of 3D floors. It can be applied in shopping malls, large halls, office buildings, apartments, and wherever it is desired. It is applied over special floor images so as to provide 3D effect.

Properties

Epoxol[®] 3D consists of pure resins and selected hardeners and does not contain solvents, extenders or fillers. Displays low viscosity that grants great coverage and gloss surface. It has low yellowing tendency.

Technical Characteristics

Mixture appearance	Transparent, amber
Density	1,09g/cm ³
Dosage (by weight)	100A:60B
Hardening time at +25° C	8 hours approximately
Full hardening	7 days
Pot life (at +25°C)	40 minutes
Application temperature	>20 °C
Low temperatures and high humidity prolong the times mentioned above, while high temperatures decrease them.	
Flexural strength (DIN 53452)	78 N/mm ²
Compressive strength (DIN 53452)	88 N/mm ²
Hardness-Shore D 15" (ASTM 2240)	79
Abrasion Resistance (ASTM D 4060)	70 mg - Taber Test (CS 10/1000/1000)
Adhesion Strength (EN 13892-8)	≥2,5 N/mm ²
Impact resistance (EN ISO 6272)	IR4

Instructions for use

Surface preparation: The substrate should be clean, dry and free from dust, oil, grease, or any poorly adhering material. Use pressurised air, any suitable mechanical means, or washing with water or solvents. The surface is either forced dry by blowing hot air or is allowed to dry naturally at temperature > 20 °C.

Application: Install the desired photograph on the floor. Stir each component thoroughly and mix them at the predetermined ratio. Apply the mixture on the substrate and spread it with a spatula. For avoiding

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bubbles on final surface, prefer a spiked roller and roll the material after the use of the spatula. It is recommended to apply 2,5 mm thickness per layer.

The mixture is left to dry at temperatures ranging between +20 °C and +40°C.

Notes	The product should not be applied at temperatures below + 20 °C.
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. Due to their strong adhesion, stains might not come off.
Packing	16 kg set (components A & B have fixed weight proportions).
Storage stability	At least 3 years when kept sealed in its original container in dry and covered place.