

epoxy paint ht

technical sheet - ed. 06/2021



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INDOOR



ROLLER



BRUSH



TROWEL

Epoxy resin-based coating for thick film

DESCRIPTION

Solvent-free, two-pack, pigmented thick film, epoxy resin-based coating for industrial flooring with good chemical resistance, excellent impermeability to oils and aggressive agents, excellent resistance to washing and wear caused by light trolley traffic. Contains mineral fillers specifically designed for the creation of glossy floor finishes with a thick film between 0.2 and 1.0 mm and multi-layer coatings between 1 and 3 mm thick with a smooth, monochromatic effect. High drive-over. For indoor use. For professional users only.

MAIN PROPERTIES

- Highly thick painting;
- Excellent chemical resistance



CARRIAGEABLE

TECHNICAL DATA

Film aspect EN 13300	Glossy (> 60 gloss 60°)
Thickness EN 13300	Class B, medium (100 > 300 µm) approx. 400 micron in 2 coats
Adhesion on concrete (EN 1542)	> 1.5 MPa
Classification (UNI 8681 / UNI 8682)	Two-pack thick-coat formulation with chemical-reactive epoxy hardening (B.4.D.1.C.0.DA)
Specific weight	(A+B): 1450 ± 50 g/l
Type of binder	Epoxy (UNI 8681:DA)
Solid content	(A+B): 100%
Catalysis ratio (weight)	A: B = 80 : 20
Drying time	Dust dry: 8 hrs Touch dry: 12 hrs Light passage: 48 hrs Full hardening: 7 days
Pot life	Approx. 40 min
VOC	Cat S/j: limit 500 g/l (2010); this product contains a maximum of 280 g/l of VOCs

CHARACTERISTICS

Coverage	With the application of 2 coats: 500-700 g/m ²
Coverage per pack	(16+4 Kg): 40 m ² , approx. Coverage varies according to substrate absorption.
Overpaintable	After 24 hours, and not more than 36 hours, with any other film-forming product. After 36 hours, careful sanding is required.
Colour range	Colour fan deck "Selezione Smalti (RAL Classic K7 section)" IVAS and selection of colours available unless technologically or otherwise infeasible.
Dilution	Epoxy Thinner (Ivas); Max 5%

APPLICATION

Suitable Substrates:

Concrete flooring. It can be applied on all cement-based substrates after they have been adequately prepared with Epoxy Fondo (Ivas) adhesion promoter

Ambient Conditions:

Application temperature: min 10°C max 35°C RH max 80%. The product cannot endure moisture in the 8 hours after application

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Preparation of the Substrate:

The substrate must be dry (hygrometer testing must show that the moisture present does not exceed 4%; make certain that the substrate contains an adequate vapour barrier), clean and free of any loose, friable parts, correctly prepared with Epoxy Fondo (Ivas) adhesion promoter; then, no more than 24 hours after application of the adhesion promoter, apply EPOXY PAINT HT, following the times indicated below for painting. For old resins, sand carefully.

In the case of concrete flooring, the substrate must be sanded/blasted/ground and treated with Epoxy Fondo (Ivas) epoxy adhesion promoter. Suitable sanding must be performed on existing epoxy flooring

Type of Equipment:

Short-haired roller

Application Procedure:

Mix the individual packs in advance to remove any sediment, then pour pack B into pack A and mix thoroughly with a low speed mixer until the mixture is smooth, lump free and uniform in colour. Apply EPOXY PAINT HT within 24 hours after application of Epoxy Fondo (Ivas) adhesion promoter. Subsequent coats of EPOXY PAINT HT can be applied within 24 hours of the previous coat. To achieve greater thicknesses (multi-coat), quartz sand Quarzo 06 (Ivas) can be incorporated in the subsequent coats for a total consumption of about 800-900 grams of EPOXY PAINT HT per m² in two coats.

STORAGE

Disposal and safety indications:

Dispose of in accordance with local regulations.

For information on possible hazards, refer to the safety data sheet

Packaging:

Pack A: 16 kg - 4 kg / Pack B: 4 kg - 1 kg

Neutral:

Pack A: 14.4 kg - 3.6 kg / Pack B: 4 kg - 1 kg

Storage:

6 months when stored in undamaged packages at between 5 and 30°C; cannot endure frost and direct sunlight