EPOX FLOOR

Epoxy polishing product for floors

FEATURES

Water-based epoxy enamel, satin finish, specific for floors.
Classification according to Directive 2004/42/CE-Dlgs 161/06-Cat J- High performance two-component paints. EU limit value 140 g/l (2007).
Two-component product based on epoxy resins with polyamide binder, fillers with controlled granulometry and special additives that facilitate application.

HOW TO USE

As a finishing coat for concrete floors. The treated surface is dustproof and impermeable to oils and greases. Resistant to petrol, diluted acids and bases. Suitable for floors in warehouses, garages, food industries, etc.
The product is also suitable for applications on concrete walls. If exposed to direct sunlight it tends to crumble and change colour, without affecting its characteristics.

SUPPLY DATA

Composition:	Epoxypolyamide
Colors:	**GREY RAL 7001** **RED RAL 3009**
Viscosity:	5/6000 mPa.s (20°C)
Specific weight:	1.6-1.7 g/ml
Brilliance:	20-35 gloss
Dry residue:	73% (by weight)
C.O.V. :	1,16 g/l
S.O.V. :	0.2 (% by weight)

KEY FEATURES

- Ease of application
- High hiding power
- Self-leveling
- Does not require primer
- Resistance to petrol, oils and greases
- Quick drying
- Free from annoying odours.

WARNINGS

DO NOT apply the product at temperatures below 10°C.
Substrate humidity must **NOT** exceed 4%.
The Pot Life varies according to the temperature: from 120 minutes at 10°C to 60 minutes at 20°C and down to 30 minutes at 30°C**.**
DO NOT use the product if the indicated times are exceeded.
As with all epoxy resins, DO NOT apply to surfaces continuously exposed to sunlight.
The second layer can be applied after 12 hours and no more than 4 days with temperatures of 15°C, and after 12 hours and no more than 3 days with temperatures of 20°C.
The product can be walked on 2-3 days after application, depending on the temperature and reaches complete hardening after 6-12 days.
Before applying the product it is essential to carry out the rising damp test according to the ASTM D 4263-83 standard (plastic sheet)
Before carrying out the work, it is necessary to check the degree of absorption of the substrate by pouring water. If the water is quickly absorbed, the substrate is able to receive the coating layer.
Otherwise the floor is not porous enough and it will be necessary to carry out the following treatment: treat the floor with a 15% solution of DESCAL ACID and then rinse carefully when the foam has stopped forming.
Paint only when the floor is completely dry.
In the presence of old floors on which work has already been done, traces of old paint, oils, greases, rubbers and any other contaminant must absolutely be eliminated.

APPLICATION DATA

Operating temperature: MIN 10°C – MAX 35°C
Relative humidity: 60%
Mix Ratio: 4,0(A) + 1,0(B)
Dilution: 10-20% (with mains water)
Dry thickness: 70 micron
Yield: 400/500 grams m2

PACKAGING

The packs are pre-dosed in the correct mixing ratio:
PART A: 4 Kg + PART B: 1 Kg

STOCK STABILITY

One year in the original sealed containers, at a temperature between +5°C and +35°C.
Fear the frost.