

TECHNICAL DATA EPOXYFLOOR

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Description:

Two-component transparent epoxy paint for the treatment of priests and floors in 3D Cement and MarmUra, industrial floors, garages and basements. It prevents the penetration of carbon dioxide which is responsible for the carbonation of concrete products, making it ideal for the protection of these supports over time. Resists contact with acidic and basic solutions.

Characteristics and resistance:

Excellent penetration into the substrate
Good consolidating and anti-dust effect
Improve waterproofing
Easy to clean
Adhesion promoter for colored finishes
Absence of solvents
Drive-over
Versatile product, it adheres to any surface
Resists thermal changes
60 gloss glossy finish and 30 gloss matte finish

Resistance to chemical agents:

resists atmospheric agents even in the presence of an environment
Chemically aggressive; it moderately resists direct contact with aggressive chemical agents.
Mechanical resistance: the product is suitable for vehicles
Temperature resistance: dry up to + 90°C.
Resistance to counterthrust humidity: in case of humidity present in the part behind the surface to be painted, it is preferable not to paint. Moisture sometimes surfaces after application, so you need to make sure this doesn't happen.

Surface preparation:

The substrates must be perfectly dry and cured, clean, free from cracks, release agents, dust and anything else that could compromise the perfect adhesion of the product.

Application:

On Cemento 3D and / or MarmUra proceed with the application of the first coat of EpoxyFloor diluted 30% with water, after 12 hours apply a second coat of EpoxyFloor without diluting it (as it is).

Application systems:

- Apply by brush, roller, conventional spray, airless
- Spray application: with pressure equipment; 1.5–2 mm nozzles, pressure 3-4 bar;
- Airless spray application: nozzles with a hole of about 0.45 mm, pressure 180 bar; spray angle 68° ÷ 80°, distance from the surface 15-30 cm. Application temperature between 10 ° C and 30 ° C. and at least 4 degrees above the dew point.

Preparation of the product:

Mix thoroughly for about three minutes until completely homogenized, avoiding incorporating air, EPOXYFLOOR ml 0.750 (component B) and EPOXYFLOOR ml 0.250 (component A). Waiting time between one coat and the other within 24 hours at 20 ° C.

Technical data:

Practical coverage: 10 m²/kg per coat, variable according to the roughness and absorption of the substrate

Specific gravity: 1.012 ± 0.05 at 20°C.

Dry residue: 85% ± 2

Pot life: 90 minutes, do not use the product beyond this time even in the absence of viscosity variations

Drying at + 20°C. and R.H. 50%:

dust free after 8 hours;

walkable after 24 hours;

hardened in depth in 48 hours;

washable after 5/6 days;

Complete drying and achievement of maximum chemical and mechanical resistance is achieved in at least seven days, which vary according to thickness and temperature. During drying, favor the exchange of air.

Storage and shelf life of the product:

Storage in well-closed original packaging and in a dry place between + 5°C and + 20°C.

Component A: 1 year; Component B: 1 year;

Cleaning of tools:

With water when drying has not yet taken place.

Clean packaging is 100% recyclable. For information on the correct disposal, storage and handling of the product, please consult the relevant Safety Data Sheet.

"Pursuant to Legislative Decree No. 161/06 the VOC values expressed on the packaging refer to the specified dilutions and thinners and to the products painted according to the formulations indicated by Nikkolor Italia.

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- The information contained in these technical data sheets are the result of our best knowledge and, as such, are disclosed for information purposes; therefore, it does not undertake the responsibility of our company in respect of any complaints arising from conditions of use that are beyond our control, whoever intends to use it is required to establish whether the product is suitable for use or not.
- Our The guarantee obligation is therefore limited to the quality and constancy of the same in relation to the finished product, and exclusively for the above data.
- **For more detailed information, please contact our TECHNICAL ASSISTANCE service.**