

TOP COAT EP

COLOURED EPOXY COATING FOR CONCRETE

High strength, solvent-free coloured epoxy coating with glossy finish

Description : Two-component coloured epoxy-based, solvent-free coating. The product is based on a low viscosity epoxy resin and a hardener



Usages: It can be used as a final layer for the protection of concrete floors, mosaic floors and polymer floor screeds



- Advantages:**
- High mechanical strength
 - RAL color options
 - High hardness - Abrasion and impact resistance.
 - Easy to apply - product with high covering power
 - High adhesion to substrates made of concrete or screeds.
 - It creates surfaces easy to clean.

Packaging /distribution : Plastic containers (Components A+B) 3 kg.
Component A (resin)=2.4 kg. Component B(hardener) = 0.6kg.


Storage: Maximum storage time in intact packaging, dry environment and ambient temperature between 5°C - 30°C: 24 months from the production date.

Specifications: EN 1504-2
Tested as a concrete protection system with TOP COAT PRIMER

TECHNICAL DATA:

Abrasion resistance:	< 3000 mg (EN ISO 6272-1)
Capillary absorption and water permeability:	$w < 0.1 \text{ kg/m}^2 \text{ h}^{0.5}$ (EN 1062-3)
Impact resistance:	Class III (EN ISO 6272-1)
Adhesion strength:	$\geq 2 \text{ MPa}$ (EN 1542)
Reaction to fire (according to §5.4):	Euroclass F
Release of dangerous substances (according to §5.3):	Specification met

To TOP COAT EP has been tested and marked as a system with TOP COAT PRIMER

 14 DoP: 216 MAR-CPR 0906
NORDIA S.A. 364 Kifissias Av., 15233 Chalandri, Athens/ Greece
EN 1504-2:2004 MARMOLINE TOP COAT EP Surface protection system for concrete (methods 5.1C and 6.1)

APPLICATION:

Consumption: Consumption ranges at about 0.250 Kg/m² per layer.
 Recommendation: apply in 2-3 layers

- Application mode:**
- The surface on which TOP COAT EP will be applied, should be first primed /sealed with the epoxy primer TOP COAT PRIMER
 - After 8 – 24 hours, apply the coating in 2 or 3 layers (depending on the desired thickness), using a short hair roller or a paint gun suitable for the product’s viscosity
 - Mix the pre-weighted components A and B with a mechanical mixer at a low speed for 2-3 minutes to obtain a homogeneous mixture. Mixing of the product should always be performed in the shade.

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