

TOP COAT EP

EN 1504-2

Coloured epoxy coating for concrete

DESCRIPTION

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

FIELDS OF APPLICATION

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

CHARACTERISTICS/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.

PRODUCT INFORMATION

Packaging:

Plastic containers (sets of A+B=3kg)

Component A (resin)=2.37kg


Component B (hardener) = 0.63kg

Storage conditions:

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

TECHNICAL CHARACTERISTICS

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
<i>TOP COAT EP has been tested and marked as a system with TOP COAT PRIMER</i>	

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NORDIA S.A. 364 Kifissias Av., 15233 Chalandri, Athens/ Greece
EN 1504-2 MARMOLINE TOP COAT EP Surface protection product -Coating
Abrasion resistance : < 3000mg Capillary absorption and permeability to water : $w < 0,1 \text{ kg/m}^2 \text{ h}^{0,5}$ Impact resistance : Class III Adhesive bond : $\geq 2.0 \text{ MPa}$ Dangerous substances: Pass (according to §5.3) Reaction to fire : Euroclass F

DIRECTIONS OF USE

CONSUMPTION

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

APPLICATION

- 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

COMPLIANCE WITH STANDARDS

Tested as a concrete protection system with TOP COAT PRIMER. CE marking and Declaration of Performance according to EN 1504-2 (Surface protection product -Coating)

HEALTH, SAFETY & ENVIRONMENTAL PROTECTION

Detailed information and instructions regarding the safe management of the product and in matters of Health & Safety, are provided in the most recent Safety Data Sheet (SDS), copies of which are available on the company's website <https://marmoline.gr/> or upon request.

LEGAL NOTICE

We guarantee the quality of all our products, based on their technical specifications, as described in the Declaration of Performance (CE) and this Technical Data Sheet. Such guarantee refers only to the products that we deliver for use and never to its application or final result, which largely depends on the experience and quality of work of each user and on the application conditions. The user is advised to test the product on a small scale, and if he is satisfied with the result, then to use the product on large scale in his project.

All data stated in this Technical Data Sheet are based on laboratory tests. The really measurable data might differentiate due to conditions that are not subject to our control. The recommendations and implementation instructions must be considered by the user as indicative, and always with given that the product has been traded and traded and stored according to its instructions.

As it is not possible to control the parameters/conditions of its application product in practice, no guarantee is provided for the final result of each application. Consequently, no legal liability of the Company can be established based on the information and instruction given in this Technical Data Sheet. The Company reserves the right to modify data listed in this Product Data Sheet, with no previous warning. Users must refer to the latest version of the product Technical Data Sheet.