

TOP COAT PRIMER

EN 1504-2

(WINTER/SUMMER)

Two component epoxy primer without solvents

DESCRIPTION

Two component, low viscosity epoxy resin. It consists of a special thin resin and hardener. Suitable to be used as a primer before the application of TOP COAT EP

FIELDS OF APPLICATION

It can be used as a primer before applying the epoxy floor protection system TOP COAT EP, as well as for the adhesion between newly laid and old concrete.

CHARACTERISTICS/ADVANTAGES

- Low Viscosity.
- Honey colored
- High mechanical strength
- High adhesion in concrete, rock, metal.
- It does not shrink.
- Impermeable after its polymerization

PRODUCT INFORMATION

Packaging:

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

Component A (resin)=2.25kg

Component B (hardener) = 0.75kg


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

Resin/hardener:	75/25
Density:	1.1 gr/cm ³
Coefficient of thermal expansion:	Specification met (EN 1770)
Capillary absorption and water permeability:	w<0,1kg/m ² h ^{0.5} (EN 1062-3)
Impact resistance:	Class III (EN ISO 6272-1)
Abrasion resistance:	< 3000 mg (EN ISO 6272-1)
Adhesion strength:	≥ 2MPa (EN 1542)

To TOP COAT PRIMER has been tested and marked as part of TOP COAT EP system

 14 DoP: 216 MAR-CPR 0906
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 kg/m ² h ^{0,5} Impact resistance : Class III Adhesive bond : ≥ 2.0 MPa Dangerous substances: Pass (according to §5.3) Reaction to fire : Euroclass F

DIRECTIONS OF USE

CONSUMPTION

250–350 g/m², depending on the porosity of the substrate.

350–500 g/m² for bonding old concrete to new concrete.

APPLICATION

- The surface to apply TOP COAT PRIMER should be structurally sound, relatively smooth, dry (substrate humidity < 4%), clean and free from any foreign particles.
- The temperature of the substrate should be between 8°-30° C. Use the appropriate winter (W) or summer (S) version of TOP COAT PRIMER depending on the conditions.
- Before the mixing of the two components mix each component separately and then mechanically mix component A and component B for about 2-3 minutes to achieve a homogeneous yellowish color mixture.
- TOP COAT PRIMER is applied with a short-haired roller or with a rubber squeegee.

COMPLIANCE WITH STANDARDS

Tested as a concrete protection system with TOP COAT EP. 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.