



EPOTEK PRIMER

Bicomponent epoxy formulation for cementitious supports, primers and screeds in general



DESCRIPTION

EPOTEK PRIMER is formulated based on special low viscosity solvent free epoxy resins that react by hardening with the specific hardener.

The fluidity and composition of the EPOTEK PRIMER ensures excellent anchoring on most supports, even if they are finely porous.

CHARACTERISTICS

The mechanical, chemical and physical characteristics and the absence of solvents make the product particularly suitable for the industrial flooring sector, in the realization of all the works where the use of epoxy resins is required, specially screeds for high and medium thickness floors. EPOTEK PRIMER allows the coating and hardening of the entire surfaces thickness of concrete substrates and screeds and other hydraulic binders without compromising the final characteristics. Treatment with EPOTEK PRIMER is necessary for the preparation of supports before other treatments with epoxy products to facilitate the anchoring.

It is important that the application is carried out on surfaces free of moisture and with a "non closed" surface.

PHYSICAL PROPERTIES

| | |
|-------------------------|--|
| State | Liquid |
| Colour | Amber |
| Operating temperature | > + 10°C and < + 30 °C |
| EPOTEK PRIMER (comp A) | 2 parts by weight |
| EPOTEK PRIMER (comp. B) | 1 part by weight |
| Pot-life at 25°C | 2-2.30 h |
| Out of dust | 8 h |
| Full hardening | 1 day |
| Diluent | ethyl alcohol or epoxy solvent "Tekna Jolly" |

USE INSTRUCTIONS

The surfaces to be treated must be previously cleaned and free of loose surfaces, greases, anti-adhesive products and ground water. Capillary humidity on the other hand is perfectly tolerated.

The two EPOTEK PRIMER components must be mixed "accurately" with mechanical mixing, shortly before use in the specified ratios.

Mixing Ratio: A (base): B (reagent) = 100:50

Once mixed, the product can be used for about 45 minutes.

IMPLEMENTATION

On new concrete: a minimum of 4 weeks curing and cleaning from the support of the surface cement grout that may occur, by shot peening or brushing is needed.



On old concrete: the surface to be treated must be clean. To prepare the support, it is essential to perform a all-surface peening operation.

The supports must then be pre-treated using the EPOTEK PRIMER properly mixed (A and B) in the specified ratio.

THEORETICAL PERFORMANCE

The performance depends on the type of implementation:

- as Primer (adhesion promoter), the performance is 0.3-0.5 kg/m² (A+B)
- If used as a surface saturating agent, the performance depends on the degree of absorption of the support.

STORAGE

Like all epoxy resins, EPOTEK PRIMER is sensitive to high humidity, under the influence of which it may take on a slightly turbid appearance, to avoid this phenomenon it is advisable not to leave the packaging open.

Stored in original and intact packaging, the product can be stored in the warehouse for 18 months.

PACKAGING

EPOTEK PRIMER (comp A)

- 10 kg in metal cans
- 20 kg in metal cans
- 200 kg in metal tanks
- 1000 kg in cisterns

EPOTEK PRIMER (comp. B)

- 5 kg in metal cans
- 10 kg in metal cans
- 20 kg in metal cans
- 200 kg in metal tanks
- 1000 kg in cisterns

Special packages can be made on request.

PRECAUTIONS

The product, used as a primer, must be applied in thicknesses of less than 150 microns of wet film per coat. Any subsequent coat of the same EPOTEK PRIMER or other treatments must be applied within 24 hours.

WARNINGS

EPOTEK PRIMER under normal conditions is not dangerous for the people involved in its handling.

Do not eat, drink or smoke during application.

Use protective clothing such as gloves, goggles and mask.

LEGAL NOTES

The information contained in this leaflet, while representing the advanced knowledge, do not exempt the user from performing accurate preliminary tests in their conditions of employment and exercise. All responsibility for improper use of the product has been declined.



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