



EPOTEK RASANTE

Three-component epoxy formulation for cementitious supports, skimming and screeds in general



DESCRIPTION

EPOTEK RASANTE is formulated based on special epoxy resins with low viscosity that react by hardening with the specific hardener.
The fluidity and composition of the EPOTEK RASANTE allow an excellent anchorage on most of the supports even if finely porous.

FEATURES

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, especially screeds for high and medium thickness flooring. EPOTEK RASANTE allows the coating and hardening of the entire thickness concerned of concrete supports and screeds of other hydraulic binders, without compromise the final characteristics. The treatment with EPOTEK RASANTE is necessary for the preparation of the supports before the other treatments with epoxy products to facilitate their anchoring.
It is important that the application is carried out on moisture-free substrates.

PHYSICAL PROPERTIES

State	liquid
Color	amber
Operating temperature	above + 10°C
Pot-life at 25°C	1h
Out of dust	2 h
Complete hardening	24 h
Diluent	ethyl alcohol or solvent TEKNAJOLLY

INSTRUCTIONS FOR USE

The surfaces to be treated must be previously cleaned and free from inconsistent parts, greases, anti-adhesive products and surface water. Capillary moisture, on the other hand, is perfectly tolerated.
The two EPOTEK RASANTE components must be mixed thoroughly shortly before use in the indicated ratios and if necessary can be diluted with alcohol or epoxy solvent to adapt the viscosity to the application use (the solvent must however be added slowly under agitation until completely mixed); Then add the mineral part by means of a mechanical mixer, stirring slowly until a homogeneous mixture is obtained.
Mixing Ratio: A (base) : B (reagent) = 100 : 60
Binder : Mineral part = loadable up to 1:15
The product, once mixed, can be used for about 45 minutes.

SHEET





APPLICATION

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

On old concrete: the surface to be treated must be well cleaned. For the preparation of the support it is essential to carry out a shot peening intervention on the entire surface.

The substrates must be pre-treated using the same EPOTEK RASANTE as Primer, mixing appropriately (A and B) in the indicated ratio.

THEORETICAL YIELD

The yield is subject to the type of application:

- as Primer (adhesion promoter), the yield is 0.3-0.5 kg/sqm (A+B)
- as a binder for mortars, 1 kg of resin (A+B) can bind up to 15 kg of minerals in a particle size curve.
- When used as a surface saturator, the yield is subject to the degree of absorption of the mortar.

PRESERVATION

Like all epoxy resins, EPOTEK RASANTE is sensitive to high humidity, under the influence of which it can take on a slightly turbid appearance, to avoid this phenomenon it is recommended not to leave the containers open.

Stored in the original and intact containers, the product is kept in stock for 18 months.

PRECAUTIONS/WARNINGS

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

PACKS

EPOTEK RASANTE (comp. A)

- 10 kg in metal jars
- 20 kg in metal jars
- 200 kg in metal drums
- 1000 kg in tanks

EPOTEK RASANTE (comp. B)

- 6 kg in metal jars
- 12 kg in metal jars
- 120 kg in metal drums
- 600 kg in tanks

Quartz (comp. C)

- 8 kg in metal jars
- 16 kg in metal jars
- 160 kg in metal drums
- 800 kg in tanks

Special packaging can be made on request.

LEGAL

The information contained in this technical sheet, although representing the most advanced stage of knowledge, does not exempt the user from carrying out accurate preliminary tests in his own conditions of use and operation. We therefore decline any responsibility for the improper use of the product.

