

PRODUCT INFORMATION

GREPOX 33

EPOXY OLD-NEW CONCRETE ADHESIVE

Ref No: TBF / SC315 01 01.01.2014

DESCRIPTION

It is a solvent free, epoxy based, two component, multi-purpose adhesive and repair mortar that can be applied even in humid environments.

APPLICATION

: It is also used as a wear resistant, waterproof protective coating in the assembly of machine foundations, bridge supports, fixing and bonding processes under crane rails, to increase adherence during the application of old and new concrete or screeds on top of each other

TECHNICAL SPECIFICATIONS

Code	Grepox 33
Number of Component	2
Density (mixture)	1,50 – 1,55 gr/cm ³ 20°C TS EN ISO 2811-1
Shore D	70 ASTM D 2240, DIN 53505
Solid Material (%)	By weight 100 By volume 100
Application Thinner	Cannot be thinned.
Mixture Ratio	A/B : 2/1 (by weight)
Pot Life	60-80 min. /23°C,200 g. (DIN 16945)
Application Method	Spatula, trowel and casting
Consumption	It varies according to usage.
Drying Time	Surface dry: 1-42hr. 23°C TS 4317 Dry to touch: 6-8 hr. 23°C TS 4317 Complete curing: 7 days 23°C TS 4317

CHEMICAL STRENGTH TABLE

CHEMICAL	STRENGTH
Sulfuric acid (H ₂ SO ₄) %10	2_1
Sulfuric acid (H ₂ SO ₄) %20	2_1
Hydrochloric acid (HCl) %10	2_1
Hydrochloric acid (HCl) %20	2_1
Nitric acid (HNO ₃) %10	2
Nitric acid (HNO ₃) %20	2_1
Lactic acid (CH ₃ COOH) %10	1
Xylene	2
Solvent naphtha	2
Ethyl alcohol	1

GRADA YAPI KİMYASALLARI VE İNŞAAT MALZEMELERİ ÜRETİM SAN. TİC. A.Ş.

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3- Extra strong
2- Strong
1- Not strong
_ tendency

MECHANICAL STRENGTH

Wear Resistance (Taber)	115 mg 1000 cycle	EN 1504-6
Tear-off adhesion strength	>2,0(1,5)b	EN 1504-6
Impact Resistance test	Class III	EN 1504-6
Capillary water absorption and water permeability	<0,1 kg/m ² . h0,5	EN 1504-6
Shore D	85±5	ASTM D 2240, DIN 53505
Flexural Strength (7.days)	25 N/mm ²	
Compressive Strength (7.days) (N/mm ²)	72 ~ 85	DIN 53504 TS 1967

APPLICATION METHOD: The old concrete surface is first cleaned of dust and dirt. Components A and B, epoxy resin and hardener, are mixed until homogeneous. The material is poured in such a way as to draw S's and spreads on the surface.

PACKAGE : 5,0 + 2,5 : 7,5 kg set

STORAGE INFORMATION: The package of the product must be closed, and its label information must be complete. The expiration date of the product must be followed according to FIFO (First In First Out) rule. The storage conditions must be dry, cool, and well ventilated. The product must be stored according to the technical safety information and legal obligations. It has a shelf life of 12 months in close storage without moisture at 15–25°C, in its original unopened package.

HEALTH AND SAFETY : Please pay attention to the safety signs and warnings on the packet. You should follow the safety and health instructions of the Material Safety Data Sheet (MSDS) that is prepared by the certified technical team, according to international standards. Sufficient air-conditioning must be obtained by the time of application. Mask and gloves must be worn. Do not make direct contact or breath the vapor. Keep the product away from open flame resources

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