

Epo Paste

Two component, solvent free, corrosion preventing anchorage and repair epoxy paste

Product Description

EpoPaste is two components, solvent free, moisture tolerant, fast set, corrosion preventing, anchorage and repair epoxy paste adhesive. EpoPaste is a two component product. Components are black and white in color, when Mixed at 1:1 ratio turn into a uniform grey color paste that bonds to asphalt, concrete and steel surfaces.

Areas of Application

- Anchor of reinforcement starter bars and dowel bars.
- Installation of hand rails, safety fence, wall ties, railway tracks and ground anchors.
- Fix traffic markers and road studs.
- It can be used as a general purpose fast set epoxy paste for filling gaps, holes and surface irregularities.
- For wide crack filling (bigger than 5 mm) on concrete repairs.
- For the mounting of elastic dilatation profiles.
- For the mounting of metal profile and carbon fiber sheets to concrete .
- For repairing damages on concrete and industrial floors, airport runways, highways.
- As pinning and adhering mortar in mounting of machine foundations, bridge, bearing and under crane rails.
- For columns and concrete walls, anchorage and corrosion protection of connecting, rods and bolts.
- For bonding of steel elements, natural stone, glass and polyethylene elements.



Disposal

Empty packages can be thrown to the collection bins according to regional-local regulations or recycling rules. After drying up and hardening the used waste material, throw it away as construction waste material. It is dangerous to dispose of product wastes by burning them.

Points to Take into Consideration

Keep the products in places out of reach of children. Always keep the cover of the products closed. It is recommended to wear gloves and goggles during operation. In case of contact of skin with the material, it should be washed with soap and water immediately. In case of contact with the eye, see your doctor immediately.

General Considerations

Above-mentioned product information and descriptions are prepared for guidance purposes as a result of our experiences and meticulous studies. The variety of related materials and their different construction and operation conditions can not be controlled or influenced by us individually. For applications beyond our control, the guarantee status is only limited to the quality of sold product. Except the manufacturing of the product, no guarantee is given for application. This technical sheet invalidates all the existing sheets. The quality of the performed job may vary depending on your professional use of the product. If you are hesitant, make a little test or get technical help.

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Advantages

- Fast set.
- Easy to use.
- Rapid adhesive strength development.
- High tensile and shear strength.
- 1:1 mixing ratio, making mixing easy and minimizing waste.

Standards

EpoPaste complies with AASHTO T237-73, Type II, Slant Shear, Bond Strength & Gel time.

Mixing

One part of Base component should be mixed to one part of Hardener component. To avoid waste only mix sufficient quantities that can be used within the pot life. Components scooped from the tins and mixed together thoroughly using a spatula or palette knife in a suitable tin or board, until a uniform grey paste is obtained.

Application

Apply the mixed adhesive to the area to be covered by the marker then press the marker into place so as to squeeze out a small bead of adhesive around the entire periphery of the marker. Markers should not be fixed until at least two weeks has elapsed from the time of laying asphalt, unless written approval is given by the engineer.

Technical Data

Property:	
Bond strength to concrete (3hrs @ 25 °C):	Greater than the tensile strength of concrete.
Bond strength to asphalt (2hrs @ 25 °C):	Greater than the tensile strength of asphalt.
Compressive strength	> 90MPa
Tensile strength :	> 40MPa
Abrasion Resistance ASTM C779	0.24mm/30 mins.
Gel time :	10 minutes

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Cleaning

All tools should be cleaned immediately after finishing by Ridge solvent. Hardened material should be removed mechanically.

Packaging

Epo Paste is available in :
2 and 5Kg - Base component.
2 and 5Kg - Hardener component.

Storage

EpoPaste has a shelf life of 24 months from date of manufacture if stored in a dry store and temperatures between 5 °C to 40 °C in original unopened packaging.

Fire

EpoPaste is nonflammable.

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