



XCHEM CHEMICALS PRODUCT DATA SHEET

FORTSEAL - EPOXY ADHESIVE PASTE

DESCRIPTION

FORTSEAL Epoxy Adhesive Paste is a general purpose adhesive which is packed as a two component product comprising a resin and hardener. The mixed paste may be used to fill, seal, coat and bond surfaces such as concrete and plaster.

KEY APPLICATION

1. **Sealant:** **FORTSEAL Epoxy Adhesive Paste** is ideal for sealing and filling cracks in concrete, plaster surfaces and water tanks.
2. **Adhesive:** It is equally ideal to use when bonding different materials to each other such as wood-to-concrete; steel-to-ceramic and ceramic-to-wood.
3. **Electrical Insulation:** **FORTSEAL Epoxy Adhesive Paste** does not conduct electricity and as such can be used to temporarily encapsulate electrical connections for insulation purposes.
4. **Coating:** **FORTSEAL Epoxy Adhesive Paste** is suitable to coat and seal pre-cast concrete tanks, concrete pipes and concrete troughs.

KEY BENEFITS

1. **FORTSEAL Epoxy Adhesive Paste** has excellent adhesion to most or combination of surfaces including metal, brick, plaster, wood, marble and concrete.
2. **FORTSEAL Epoxy Adhesive Paste** can be applied on vertical surfaces up to 2mm without slumping and has good resistance to water, solvents, oils, petrol and other chemicals.
3. **FORTSEAL Epoxy Adhesive Paste** has excellent waterproofing properties.

DIRECTIONS FOR USE

1. Ensure surfaces to be bonded are free of dust, oils, wax and dirt.
2. Mix RESIN and HARDENER in equal parts thoroughly until you achieve a consistent coloured paste.
3. Apply using a trowel or a suitable tool (to fill, coat and bond).
4. It is advisable to mix just enough quantities at a time; mixed compound has a pot-life of 40 minutes depending on temperatures and quantity.
5. The compound completely cures overnight and will continue to harden further with time.
6. Clean all tools using lacquer thinners immediately after use. Wash hands using warm soapy water.

CAUTION

Keep away from children. In case of eye or skin contact, wash away immediately using plenty of water.

TECHNICAL DATA

Appearance	:	Resin-White Hardener-Cream
Mixed	:	White
Cure time	:	30 - 40 minutes
Full hardness	:	5 - 6 hours

STORAGE AND STABILITY

FORTSEAL Epoxy Adhesive Paste has a shelf life of 24 months when kept unopened and in original packaging under cool and dry conditions.

This product is recommended for use according to its Key Applications and Directions as listed on the packaging. DO NOT mix with improper substances as this will affect the quality and performance of the product. All cautionary measures should be noted as indicated to ensure safer use. XChem will replace products if found to be defective.

The data and recommendations concerning this product are the result of XCHEM extensive laboratory testing and experience.