

XCHEM

TECHNICAL DATA SHEET

FORT-TITE EPOXY ADHESIVE PASTE

DESCRIPTION

Fort-tite Epoxy Adhesive Paste is a general purpose adhesive comprising of a resin and a hardener. The mixed paste may be used to fill, seal, coat and bond surfaces such as concrete and plaster.

KEY PROPERTIES

- Fort-tite Epoxy Adhesive Paste has excellent adhesion to most surfaces including metal, brick, plaster, wood, marble and concrete.
- Fort-tite 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.

KEY APPLICATIONS

- Fort-tite Epoxy Adhesive Paste can be used to seal and fill cracks in concrete and plaster surfaces.
- Fort-tite Epoxy Adhesive Paste is also suitable for securing concrete tiles or slabs onto walls and floors.
- Fort-tite Epoxy Adhesive Paste can be used to temporarily encapsulate electrical connections for insulation purposes.

DIRECTIONS FOR USE

- Ensure surfaces to be bonded are free from dust, oils, wax and dirt.
- Mix resin and hardener thoroughly using a ratio:

Resin	1 part by volume
Hardener	1 part by volume

- Apply using a trowel or a suitable tool to fill, coat and bond.
- It is advisable to mix just enough quantities as will be required by the application, at a time.
- Mixed compound has a pot life of 40 minutes depending on temperature and quantity.
- The compound completely cures overnight and will continue to harden over the next few days.
- Clean all tools using lacquer thinners immediately after use.

TECHNICAL DATA

- **Appearance** : Mixed compound is brown in colour
- **Surface Coverage** : 1.50m²/kg
- **Viscosity at 25°C** : 1.90pa.s
(Brookfield Viscometer)
- **Pot Life (100g)** : 60mins
- **Cure Time** : 24hrs
- **Mixed (Shore D)** : 78
- **Tensile Strength** : 19N/m²
- **Elongation at Break** : 22.3%
(11x 13 mm bar)
- **Compression Strength** : 55.6N/m²
(11 x13 mm bar)
- **Deflection at Break** : 1mm
- **Adhesive Shear Strength** : 2.5N/m²
- **Bending Strength** : 38.2N/m²
(11x13mm, 45 mm space)

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SAFETY PRECAUTIONS

- Protective clothing/gloves should be worn when handling Fort-tite Epoxy Adhesive Paste .
- Ensure good ventilation or alternatively wear a protective mask.
- In case of skin contact immediately wash away using soap and warm water.
- In case of eye contact immediately rinse the affected eye(s) using plenty of clean water. **Immediately** contact a doctor.
- Keep away from children and in case of any ingestion, contact a doctor or health worker immediately.

The data and recommendations concerning this product are the result of extensive XCHEM laboratory testing and experience. As the use of the product is beyond our control, no warranty is expressed or implied and the customer should satisfy him/her self as to the suitability for this particular application.



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