



Tremco Epoxy Paste

04/08
2 Pages

PRODUCT
DATA
SHEET

GENERAL PURPOSE EPOXY ADHESIVE

KEY BENEFITS SUMMARY

- Easy 1:1 mix ratio
- Colour coded mixing
- Small quantities can be mixed
- Excellent bond to most materials
- Good chemical resistance
- Feather edge
- No priming
- Non staining

PRODUCT INFORMATION

DESCRIPTION

Tremco Epoxy Paste is a specially formulated Paste Grade Structural Adhesive. Easy to use and extremely durable, Tremco Epoxy Paste has a very high bond strength to most materials.

USAGE/PURPOSE

- Repairing precast concrete
- Grouting starter bars/bolts
- Adhering bricks, ceramics and metal plates
- Repairing concrete tanks
- Repairing boney concrete
- Jointing pipes and culverts
- Bonding crack injection nipples

PACK SIZE

4 litre
20 litre

PRODUCT CODE

225312
225313

COLOUR

Grey when mixed

TECHNICAL INFORMATION

GENERAL CURED PASTE PROPERTIES

- COMPRESSIVE STRENGTH
80 Mpa @ 7 days
- TENSILE STRENGTH
25 Mpa @ 7 days
- DENSITY
1.45 kg/litre
- BOND STRENGTH TO CONCRETE
>2.5 Mpa (concrete fails)
- BOND STRENGTH TO STEEL
>15 Mpa
- MAXIMUM PERFORMANCE TEMP
70°C

GENERAL PASTE PROPERTIES

- APPEARANCE RESIN
White Thixotropic Paste
- APPEARANCE HARDENER
Black
- MIXING RATIO
1:1 (volume)
- SOLIDS CONTENT
100%
- POT LIFE
40 minutes @ 25°C
- FULL CURE TIME
4 days @ 25°C
- MIN APPLICATION TEMP
15°C

PRECAUTIONS

- As with all Epoxy Products, wear rubber gloves and overalls
- Prolonged exposure can cause dermatitis
- Ensure adequate ventilation
- Do not mix packs unless accurate measuring equipment is available
- For best results in cold weather pre warm components to approx 20°C
- All inserts should be threaded rod or deformed bars for best results

Tremco Epoxy Paste



Tremco Epoxy Paste

USAGE GUIDELINES

SUBSTRATE PREPARATION

CONCRETE

- ❑ Concrete should be sound and free of all loose and deleterious materials, mechanical cleaning such as captive blasting, scabbling or grinding is best. If acid washing ensure surface is well rinsed afterwards. For maximum adhesion allow 24 hours drying prior to application.
- ❑ All holes in concrete should be percussion drilled and cleaned of all dust and debris. Cored holes should be washed of slurry and allowed to dry.

METAL

- ❑ Metal should be grit blasted to a Class 3 finish, otherwise mechanically abrade to a bright metal finish.

METHOD OF APPLICATION

- ❑ Do not mix more than can be used in 40 minutes
- ❑ Mix equal quantities by weight or volume with spatula or putty knife to smooth paste with consistent grey colour without streaks
- ❑ As an adhesive spread mixed material on both surfaces and clamp or weigh down
- ❑ For holes squeeze mixed paste into bottom of the hole and insert bolt/reinforcement. Ensure paste rises to the top of the hole, twist bolt/reinforcement to ensure maximum contact
- ❑ Do not tighten nuts until paste has fully cured
- ❑ Feather edging can be finished with a damp sponge

HEALTH & SAFETY PRECAUTIONS

- ❑ The Material Safety Data Sheet (MSDS) must be read and understood prior to use

STORAGE

Max temperature 25°C

SHELF LIFE

Can be stored unopened up to 2 years

CLEAN UP

Clean up of tools and equipment with warm, soapy water.

TECHNICAL SERVICE

TREMCO has a team of qualified Technical Sales Representatives who provide assistance in the selection and specification of products. For more detailed information or service and advice, call Customer Service on (02) 9638 2677 or fax (02) 9638 2955.

GUARANTEE/WARRANTY

TREMCO products are manufactured to rigid standards of quality. Any product which has been applied (a) in accordance with TREMCO written instructions and (b) in any application recommended by TREMCO, but which is proved to be defective, will be replaced free of charge.

Any information provided by TREMCO in this document in relation to TREMCO's goods or their use is given in good faith and is believed by TREMCO to be appropriate and reliable. However, the information is provided as a guide only, as the actual use and application will vary with application conditions which are beyond our control. TREMCO makes no representation, guarantee or warranty relating to the accuracy or reliability of the information and assumes no obligation or liability in connection with the information. To the extent permitted by law, all warranties, expressed or implied are excluded.