



# TREMCoat HB

04/08  
2 Pages

PRODUCT  
DATA  
SHEET

## SOLVENTLESS HIGH BUILD EPOXY COATING

## TECHNICAL INFORMATION

### KEY BENEFITS SUMMARY

- Excellent open time
- Tenacious adhesion
- Good chemical resistance
- High build
- Abrasion resistant
- Solvent free
- High gloss finish

### PRODUCT INFORMATION

#### DESCRIPTION

TREMCoat HB is a 100% solids, high build Epoxy Coating formulated to provide protection to concrete, masonry and steel from chemical attack, corrosion and abrasion.

#### USAGE/PURPOSE

- Concrete walls and floors
- Construction and mining industries
- Water tanks
- Commercial kitchens
- Hospitals
- Printing and paper manufacturing

#### PACK SIZE

10 litre kits

#### PACK SIZE

255301

#### COLOUR

White – standard  
Grey – colour pack  
Other custom colours available

### GENERAL BINDER PROPERTIES

- MIXING RATIO  
2:1 (Volume)
- WORKING TIME  
45 mins @ 25°C
- TACK FREE TIME  
4 hours @ 25°C
- SOLIDS CONTENT  
100%
- RECOAT TIME  
12 hours @ 25°C
- COVERAGE  
10m<sup>2</sup> @ 400 micron DFT/ 4 litre kit
- FULL CURE  
7 days @ 25°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

### 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.

##### METAL

- Metal should be grit blasted to a Class 3 finish, otherwise mechanically abrade to a bright metal finish.
- For galvanised steel, aluminium or zincalume remove outside layer with light 'whip blast' or power wire brush followed by solvent degrease.

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## METHOD OF APPLICATION

- Mix resin and hardener with Tremco Mixing Paddle fitted to (500 rpm) power drill. Mix for a minimum of 3 minutes until homogenous.
- Apply in 2 coats minimum with a short nap roller, squeegee or airless spray. Second coat should be applied as soon as the first coat has cured but no more than 24 hours.

## CHEMICAL RESISTANCE AT FULL CURE

TREMCoat HB has good resistance to the following chemicals. Good housekeeping should ensure all spills are cleaned as soon as possible.

- Diesel Fuel
- Toluene
- Hydrochloric Acid 20%
- Caustic Soda 20%
- Kerosene
- Methylated Spirits

## HEALTH & SAFETY PRECAUTIONS

- The Material Safety Data Sheet (MSDS) must be read and understood prior to use
- Clean up of tools and equipment with warm, soapy water
- Always wear rubber gloves

## STORAGE

Dry storage below 35°C.

## SHELF LIFE

Can be stored unopened up to 2 years

## CLEAN UP

Tools and equipment should be cleaned up prior to hardening with TREMCO IPA Solvent. Do not use for washing hands.

## 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.

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