

# Epoxy Grout HV



Manufacturers of High  
Performance Floor  
Coatings and  
Re-Surfacing Screeds

**EPOXY ADHESIVES**

- ▲ **Outstanding Strength**
- ▲ **Anchor Bolt Fixing**
- ▲ **Superb Adhesive**
- ▲ **Easy to Mix and Apply**



## THE RANGE

We have been manufacturing a specialist range of products for the construction industry for over three decades. All offer outstanding chemical resistance and good long term performance and great value for money.

## EPOXY GROUT HV

A high viscosity epoxy resin liquid for anchor bolt placement and fixing. This product exhibits superb physical strength and will permanently secure metal ties into concrete floors. It is also an excellent material for filling wide cracks found in concrete.

Available in 1 kg packs

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## Epoxy Grout HV

### DESCRIPTION

**EPOXY GROUT HV** is a high viscosity, three part epoxy resin liquid for anchor bolt placement and fixing. The adhesive strength and performances are exceptionally high.

**USES:** For pouring into pre-drilled holes for permanent placement and fixing of anchor bolts. For filling wide cracks found in damaged concrete flooring. Ideal adhesive for bonding together most substrates found in the Construction Industry.

**PREPARATION:** Surfaces can be damp but must be free from grease, oil and other forms of contamination. Cleaning is imperative. Free water must be removed. It is vitally important that all metal anchor bolts and ties are thoroughly degreased immediately prior to placement using EPOXY PRODUCTS CLEANING SOLVENT. Blow out all cement dust and debris from within the pre-drilled holes or wide cracks prior to pouring the Epoxy Grout HV.

**MIXING:** Empty the entire contents of Pack B (Hardener) into Pack A (Resin) and mix thoroughly for 2—3 minutes. Add slowly the contents of the FILLER PACK and stir well. Mixing can be carried out by hand using a flat blade knife or by using a slow speed electric drill and paddle attachment. Ensure you reach the bottom and sides of the tin to thoroughly mix together both components. Having mixed the three components together use all within 30 minutes.

**APPLICATION:** Immediately after mixing apply by pouring directly from the container. Apply all within 20 minutes. Support the anchor bolt in an upright position for 12 hours or until the grout has sufficiently hardened. This will depend upon the ground temperature that exists during the pour. When using as an adhesive spread across the surface using a comb toothed trowel.

**HEALTH AND SAFETY:** Read the Health and Safety Sheet prior to handling this product.

### PRODUCT DATA

#### POT LIFE

When fully mixed, approximately 30 minutes @ 20<sup>0</sup> C.  
Extended pot life at lower temperatures

#### CURING TIME

Initial cure after 24 hours @ 20<sup>0</sup> C. Full cure after 7 days.

| STRENGTHS            | Test Method    | 24 Hours | 3 Days | 7 Days |
|----------------------|----------------|----------|--------|--------|
| Tensile Strength     | DIN53455 / MPa | 10.00    | 17.00  | 24.00  |
| Compressive Strength | DIN53454 / MPa | 32.00    | 50.00  | 92.00  |
| Flexural Strength    | DIN53452 / MPa | -        | 38.00  | 76.00  |
| E Modulus            | ISO 178 / MPa  | -        | -      | 26.00  |

Bond Strength to concrete Far exceeds the cohesive strength of concrete.

#### CHEMICAL RESISTANCE

Resistant to spillages of many chemicals commonly met within industry.  
Contact Technical Services for more advice.

#### TOOL CLEANING

Clean all tools with CLEANING SOLVENT.

#### SHELF LIFE

12 Months if stored in dry cool conditions

#### PACK

1 Kg. This being the combined weight of Pack A (Resin), Pack B (Hardener) and Filler Pack when mixed together.

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