

HIBOND GROUTS

HiBond Grouts are based on solvent free epoxides and available in three grades to cover the majority of grouting and fixing applications encountered within Civil Engineering and general industry where mechanical properties must be of the highest order.

GRADES AVAILABLE

- EG30** An unfilled grout for very fine cracks up to 6mm. Also suitable for injection applications.
- EG30H** A lightly filled pourable grout for free flow gap grouting recommended for gaps between 5mm - 30mm.
- EG30T** A thixotropic grout used with a special hand pump for horizontal or involved fixing.

USES

Grouting in machinery, turbines, centrifuges etc.
Grouting beneath heavy crane and transporter rails.
Fixing/holding down bolts, starter bars, anchors etc.
Production of high strength plinths and crack filling

ADVANTAGES

Solvent free non-shrink system requiring no primer.
High compressive, tensile and flexural strengths.
Rapid strength gain resulting in high bond strength.
Excellent under severe operating conditions.

TYPICAL CHARACTERISTICS.

	EG30	EG30H	EG30T
Compressive Strength: N/mm ² after 7 days cure	66	89	89

SURFACE PREPARATION

All surfaces should be free from oil, grease, chemical contamination and all loose material. Oil and grease can be removed using HiSolve. Concrete should be scarified or etched to remove any laitence. Steel surfaces should be shot blasted to remove all rust and scale. All surfaces should be free from standing water.
Holes should be drilled to the required depth and diameter using a rotary percussion drill, flushed with compressed air to remove all dust and debris.

For grouting under machinery etc, it will be necessary to use shuttering and construct a simple hopper system to give the grout a 'head' of material allowing it to flow under the machinery.

MIXING HIBOND GROUTS

The entire contents of the HiBond hardener should be thoroughly mixed with the entire contents of the HiBond base. Where applicable, the aggregate is then added to the mixed resin/hardener and thoroughly mixed until an even consistency is obtained.

APPLICATION OF POURABLE GROUTS

When grouting under machinery etc., the grout should be passed from one side only via the hopper. It is important that this is a continuous feed so, if more than one mix is required, this must be carefully planned to regularise the feeding of the hopper.

Where grout is being poured into fixing holes, the grout should be poured slowly and carefully to prevent air locking. The fixing should then be inserted slowly down into the resin and checked for full bonding. Leave the fixing undisturbed until the grout has cured. When utilising the hand pump for horizontal or inverted fixing, the pump should be filled with grout and the pump introduced into the full depth of the hole. Push the fixing slowly into the grout and check for bonding, then leave undisturbed until the grout has cured.

STORAGE

HiBond Grouts should be stored at room temperature. If stored in cold conditions, the components should be warmed prior to use as this will greatly aid mixing and pouring.
HiBond Grouts should be stored away from foodstuffs and out of the reach of children

CLEANING

HiSolve should be used for cleaning tools, etc.

HEALTH AND SAFETY

See separate Health and Safety Data Sheet.

WARRANTY DISCLAIMER

The technical data herein has been compiled for your help and guidance and is based upon our experience. As we have no control over the use to which our information is put, no warranty, expressed or implied is intended or given and we cannot be held responsible for coverage, performance or any damages incurred.