

Epoxy Grout LV



Manufacturers of High
Performance Floor
Coatings and
Re-Surfacing Screeds

EPOXY ADHESIVES

- ▲ Outstanding Strength
- ▲ Hairline Crack Filling
- ▲ Superb Penetration Power
- ▲ Easy to Mix and Apply



THE RANGE

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

EPOXY GROUT LV

This product exhibits superb penetrating powers even into the finest of cracks. It is a superb impregnating sealer for strengthening of weak porous cement screed, concrete or brickwork.

An ideal product to impregnate and strengthen weak cement screed that is supporting a suspended flooring.

Available in 1 kg packs

<http://www.epoxyproducts.co.uk/epoxyadhesives.html>

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DESCRIPTION

EPOXY GROUT LV is a low viscosity, two part, solvent free, epoxy resin liquid for penetrating and sealing fine hairline cracks found in concrete, brick and stone.

This product exhibits superb penetrating powers even into the finest of cracks

USES: For permanent sealing hairline cracks found in damaged concrete, stone and brickwork. For impregnating porous cement screeds, weak concrete and brickwork. Ideal for impregnating and strengthening porous cement screeds.

PREPARATION: Remove all loose material and vacuum the crack clean.

Compressed air blowing to remove all debris collected within the crack is the ideal preparation method. For pressure injection, secure the pressure injection nipples at 150mm centres along the length of the crack. Secure the injection points with GENERAL PURPOSE ADHESIVE. Face up the crack between the injection nipples with EPOXY FILLER. Allow the Epoxy Filler and General Purpose Adhesive to harden for 12 hours.

APPLICATION: For floor cracks the normal method of application is by gravity feeding. Continue to feed the crack until satisfied. For pressure injection, attach a plastic pipe between the injection nipple and the barrel mastic gun and pump resin into the crack. For cement screed strengthening saturate the surface with Epoxy Grout LV and allow to penetrate.

MIXING: Empty the entire contents of Pack B (Hardener) into Pack A (Resin) and mix thoroughly for 2—3 minutes. 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 two components together use all within 30 minutes.

HEALTH AND SAFETY Read the Health and Safety Data Sheet prior to handling

PRODUCT DATA

POT LIFE

When fully mixed, approximately 30 minutes @ 20° C.

Extended pot life at lower temperatures

CURING TIME

Initial cure after 24 hours @ 200 C. Full cure after 7 days.

STRENGTHS	Test Method	24 Hours	3 Days	7 Days
Tensile Strength	DIN53455 / MPa	15.00	28.00	40.00
Compressive Strength	DIN53454 / MPa	30.00	85.00	104.00
Flexural Strength	DIN53452 / MPa	-	30.00	56.00
E Modulus	ISO 178 / MPa	-	-	15.00

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) and Pack B (Hardener) when mixed together.

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