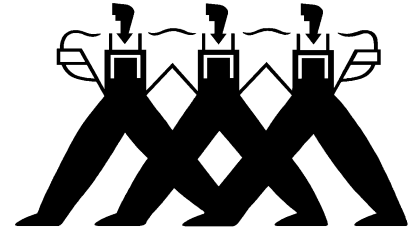


STRUCTURAL EPOXY POURING RESIN

An Ultra Low Disturbance
Building Solution



DESCRIPTION

STRUCTURAL POURING RESIN is a versatile, three part epoxy structural filler which will bond to all types of timber, masonry, concrete and many metals. It is used to fill voids and inject into slots. It does not contain solvent or water. The product can be poured or injected.

Features

- Adhesion greater than the cohesive strength of timber
- Solvent and water free
- Non shrink
- Working pot life: maximum of 15 minutes at 20 degrees C.
- Cure time: 24 hours initial at 20C, 7 days full cure.

TYPICAL USES

For pouring or injecting into voids in timber, concrete & masonry and for filling slots. For casting support pads and bearings. Also used for Timber-Resin Splice assembly (TRS).

PREPARATION & METHOD

Cut out all rotted, loose or flaking material and vacuum to remove dust. Abrade or grind as necessary to provide clean, stable surfaces free of all contaminants. Fill any cracks or splits with our Quick Setting Wood Filler, to prevent leakage.

Mix the two liquid components first, then add the powder slowly (wear a dust mask) and mix thoroughly, using a mixing paddle in an electric drill running at low speed.

Structural Pouring Resin can also be injected using disposable 1 litre cartridge tubes, which require a 1 litre skeleton gun.

Cold Weather - ensure that the temperature is above 5 degrees Centigrade, or pre-warm the materials, otherwise curing may be delayed or prevented. Insulate to retain warmth.

Warm Weather – do not pour more than 3 x 7.5 litres (22.5 litres) of product into a single hole within 3 hours at 15C or higher – the resin may over heat, gas off, shrink and crack.

TECHNICAL DATA

Active Substance

DGEB A/F Epoxy Resins

Other Components

Cycloaliphatic Polyamine Adduct

Mix ratio - Do not vary the mix ratio

Liquids – Base:Hardener = 2:1

Bond Strength/Tensile Shear Adhesion

12 N/mm²

Compressive Strength - 81 N/mm²

Tensile Strength - 22 N/mm²

Flexural Strength - 42 N/mm²

Flexural Modulus - 5720 N/mm²

Specific Gravity - 1.53

Static Modulus of Elasticity

E_t 17.235 KN/mm²

Young's Modulus >17,000 N/mm²

Aggressivity to other materials

No known aggressivity

Classification

Irritant & corrosive

Colour

Mid Grey

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