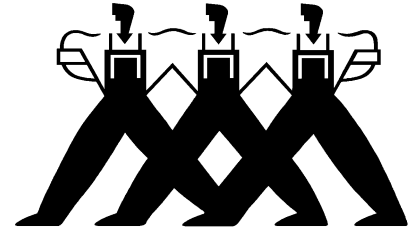


# STRUCTURAL EPOXY POURING RESIN

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.

**Ensure that the temperature is above 5 degrees Centigrade, or pre-warm the materials, otherwise curing may be delayed or prevented.**

## 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/mm<sup>2</sup>

### Compressive Strength - 81 N/mm<sup>2</sup>

Tensile Strength - 22 N/mm<sup>2</sup>

Flexural Strength - 42 N/mm<sup>2</sup>

Flexural Modulus - 5720 N/mm<sup>2</sup>

Specific Gravity - 1.53

### Static Modulus of Elasticity

E<sub>t</sub> 17.235 KN/mm<sup>2</sup>

Young's Modulus >17,000 N/mm<sup>2</sup>

### Aggressivity to other materials

No known aggressivity

### Classification

Irritant & corrosive

### Colour

Mid Grey

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