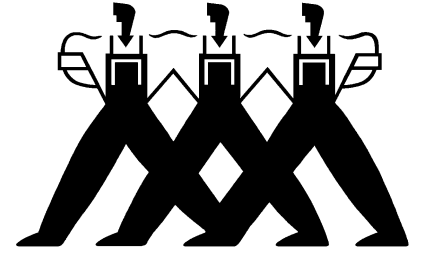


EPOXY-GLASS RODS

An Ultra Low Disturbance
Building Solution



Property Repair Systems
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Introduction

EPOXY-GLASS RODS are uni-directional glass fibres bonded in a polyester, vinyl ester or epoxy matrix.

EPOXY-GLASS RODS can be bonded with a variety of resins, including Thixotropic Injection and Structural Pouring Grouts.

Special features

- Easy to cut
- High strength
- Non shrink
- Stable
- Use with timber and masonry
- Inert to solvent and water

DESCRIPTION

EPOXY-GLASS RODS are white, black or red coloured, glass fibre, epoxy bonded composite, which can be inserted into all types of timber and masonry for strengthening and linking purposes. It is not affected by solvent or water, has a high flexural strength and low weight.

TECHNICAL DATA

Active Substance

Glass fibre in BPF/BPA Epoxy Resins

Appearance

White, black or red

Tensile Strength

240 Mpa DS EN 61-78

Flexural Strength

1000 Mpa DS EN 63

Water Absorption

<0.01%

E Modulus Value (tensile)

8500 Mpa

Sizes

5mm, 8mm, 10mm, 12mm and 16mm diameters

USES

For connecting timber and masonry as dowels, for upgrading and strengthening timber, for 'stitching' across cracks, fissures and 'shakes'.

PREPARATION & METHOD

Drill holes oversize to suit the chosen rod size - minimum oversize 4mm on the diameter. Blow or vacuum out all dust.

Mix a suitable resin or grout thoroughly and ensure that the temperature is above 5 degrees Centigrade, or pre-warm the materials, otherwise curing may be delayed or prevented.

Inject or pour the resin into the holes or slots and twist the rods into the resin to ensure full wetting.

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11/12