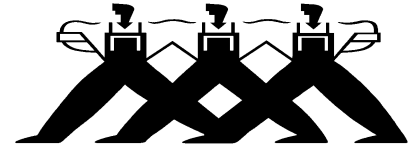


POLYURETHANE RAPID INJECTION RESIN

An Ultra Low Disturbance
Building Solution



Property Repair Systems
01626 331351

DESCRIPTION

POLYURETHANE RAPID INJECTION RESIN is a one part, thick but flowing adhesive, designed to bond materials together or to inject into cracks, fissures and holes. It is moisture curing and will expand as foam. POLYURETHANE RAPID INJECTION RESIN can be injected from a standard syringe or spread directly from the bottle in a film as thin as 0.2mm. POLYURETHANE RAPID INJECTION RESIN does not contain solvent or water so can be applied to difficult substrates.

Features

- Solvent and water free
- Cures in contact with moisture
- Foams and expands x 50
- Set time: 6 minutes initial at 15 degrees C, 24 hours full cure.
- Blocks pores, holes and voids

TYPICAL USES

For bonding timber, concrete, stone and metal and for injecting into cracks and holes in timber and masonry. For bonding dowels into timber and masonry.

For laminating timbers and repairing Glulam beams.

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.

Approximate spreading 'open' time is between 3 to 6 minutes at 15 degrees centigrade, initial set in up to 15 to 30 minutes. Full cure 24 hours.

Either apply the adhesive to both surfaces to be bonded, or dispense into a syringe for injection. Clamping parts will eliminate or restrict the foaming action.

Ensure that the temperature is above 5 degrees Centigrade, or pre-warm the materials, otherwise curing may be delayed or prevented. Requires some atmospheric humidity or surface dampness to initiate the setting reaction.

TECHNICAL DATA

Active Substance

Polyurethane resins

Other Components

Contains Isocyanate, isomers & homologues

Mix ratio

No mixing required

Application Temperature Range

Minimum 5C to maximum 35C

Aggressivity to other materials

May damage or soften some types of plastics

Classification

Harmful and irritant

Packaging

Plastic bottle, 1litre (1000cc).

Storage

Protect from dampness, keep bottle sealed.

Colour

Brown liquid – yellow when cured

SAFETY

Avoid contact with skin. Use in well ventilated areas. Will foam in contact with moisture.

Testing

Conforms to EN 204, 205, D4 Classification

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