

MULTI-PURPOSE EPOXY ADHESIVE

**EQUAL VOLUME MIX
TOUGHENED GLUE LINE
HIGH PEEL STRENGTH
FIBRE REINFORCED**

PRINCIPAL USES

Paste consistency adhesive for glueing steel, wood, fibreglass, cement, glass, ceramic products, mosaic and quarry tiles, grouting steel bars and bolts into concrete and repairing concrete spalls. May be mixed with a suitable filler such as silica sand, Pro-Struct 622, to give a thickener "putty" consistency. Indispensable repair material.

RESISTANCE

Resists most common aggressive chemicals, aliphatic solvents and petroleum products.

TYPICAL MECHANICAL PROPERTIES

Tensile strength	11 MPa
Peel strength	1,5 – 1,8 MPa
Concrete Bond strength	Breaks concrete

SPECIFICATION

All surfaces to be bonded with Pro-Struct 121 Multi-Purpose Epoxy Adhesive to manufacturers detailed instructions.

INSTRUCTIONS

Prior to application, the surfaces must be clean, dry and sound and surfaces should be prepared in accordance with method 1 or 3 of surface preparation specification. For best results, the contents of both tubs should be placed on a clean flat board, and thoroughly mixed together for approximately 4 – 5 minutes using a trowel or putty knife. Start applying the mixed Pro-Struct Epoxy immediately and continue working until all the mixed material has been used. Smooth exposed glue line with water. If mixed material is left in the container, it will become unusable within 30 – 40 minutes depending on temperature. Clean equipment immediately after use with water or Pro-Struct 105 Brush Cleaner and rinse off in clean water.

CAUTION: Under no circumstances should Pro-Struct 105 Brush Cleaner be mixed with any Pro-Struct Epoxy Compound as this will inhibit the curing of the material. To avoid confusion, Pro-Struct 105 Brush Cleaner is coloured **blue**. Remove spots of Pro-Struct Epoxy on hands with cotton waste dipped in water. Always wash well with soap and water after using this material. Freshly mixed adhesive can be removed with water.

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Finish	Slight Gloss
Colour	Amber/Opaque
Consistency	Creamy Paste
Volume Solids	100%
Theoretical Coverage Per Coat	1m ² /litre at 1mm thick
No. of Components	2
Mixing Ratio by Volume	1:1
Pot Life	30 – 40 minutes
Apply Over	Clean, dry, prepared Surfaces
Apply By	Trowel or putty knife
Curing Time	4 – 6 Hours initial set 18 – 24 Hours practical 7 Days full cure
Thinners	Nil
Shelf Life	12 Months
Service Temperature	-20°C to 65°C
Application Temperature Range	15°C to 35°C