DURAL 121 MULTI-PURPOSE EPOXY ADHESIVE



PACKAGING

DURAL 121 is packaged in 500ml kits

APPROXIMATE YIELD

1m²/litre at 1mm thick

CLEAN-UP

Clean equipment immediately after use with water or Pro-Struct 105 Brush Cleaner and rinse off in clean water.

SHELF LIFE

12 Months, if stored between $15\,^\circ\text{C}$ to $30\,^\circ\text{C}$

DESCRIPTION

DURAL 121 is a paste consistency adhesive. May be mixed with a suitable filler such as silica sand, Stonhard 622, to give a thicker "putty" consistency. Indispensable repair material.

PRODUCT CHARACTERISTICS

FEATURES / BENEFITS

- Equal volume mix
- Toughened glue lineHigh peel strength
- Fibre reinforced
- Resists most common aggressive chemicals, aliphatic solvents and petroleum products

PRIMARY APPLICATIONS

- Glueing steel, wood, fiberglass, cement, glass ceramic products, mosaic and quarry tiles
- Grouting steel bars and bolts into concrete
- Repairing concrete spalls

TECHNICAL INFORMATION

The following are typical values obtained under laboratory conditions. Expect reasonable variation under field conditions.

TYPICAL PROPERTIES	AT 25°C
Tensile Strength	11 MPa
Peel Strength	1.5 to 1.8 MPa
Concrete Bond Strength	Breaks concrete
Finish	Slight gloss
Colour	Amber / Opaque
Consistency	Creamy paste
Volume Solids	100%
Number of Components	2
Mixing Ratio	1:1
Pot Life	30 to 40 Minutes
Apply Over	Clean, dry, prepared surfaces
Apply By	Trowel or putty knife
Curing Time	4 to 6 hours initial set
	18 to 24 hours practical
	7 Days full cure
Service Temperature	-20°C to 65°C
Application Temperature Range	15°C to 35°C

Dural 121 (1) July 2023

To the best of our knowledge the technical data contained herein are true and accurate at the date of issuance and are subject to change without prior notice. User must contact StonCor Africa to verify correctness before specifying or ordering. No guarantee of accuracy is given or implied. We guarantee our products to conform to StonCor Africa Quality Control. We assume no responsibility for coverage, performance or injuries resulting from use. Liability, if any, is limited to replacement of products. Prices and cost data, if shown, are subject to change without prior notice. NO OTHER WARRANTY OR GUARANTEE OF ANY KIND IS MADE BY STONCOR AFRICA, EXPRESS OR IMPLIED, STATUTORY BY OPERATION OF LAW OR OTHERWISE, INCLUDING MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE.

DIRECTIONS FOR USE

Specification: All surfaces to be bonded with Dural 121 Multi-purpose Epoxy Adhesive to manufacturer's detailed instructions.

Instructions: Prior to application, the surfaces must be clean, dry and sound and surfaces should be prepared in accordance with Method 1 of 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 to 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 to 40 minutes, depending on the temperature.

PRECAUTIONS / LIMITATIONS

- 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 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.

Dural 121 (1) July 2023

To the best of our knowledge the technical data contained herein are true and accurate at the date of issuance and are subject to change without prior notice. User must contact StonCor Africa to verify correctness before specifying or ordering. No guarantee of accuracy is given or implied. We guarantee our products to conform to StonCor Africa Quality Control. We assume no responsibility for coverage, performance or injuries resulting from use. Liability, if any, is limited to replacement of products. Prices and cost data, if shown, are subject to change without prior notice. NO OTHER WARRANTY OR GUARANTEE OF ANY KIND IS MADE BY STONCOR AFRICA, EXPRESS OR IMPLIED, STATUTORY BY OPERATION OF LAW OR OTHERWISE, INCLUDING MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE.