

TECHNICAL DATA SHEET

D202

ALL PURPOSE EPOXY ADHESIVE

V2-24/03/2024

DESCRIPTION & USE

A high strength epoxy adhesive designed for the bonding of steel, glass, concrete, fibreglass, wood, asbestos, cement, ceramic tiles and most other building materials. Can be used in boat building and irrigation pipe repairs.

PROPERTIES

- Bond Strength (@ 25°C):
 - Wood: Breaks wood
 - Concrete: Breaks concrete
 - Sand blasted steel: 15 N/mm²
 - Acid cleaned aluminium: 6-8 N/mm²
 - Acid cleaned alloy: 6-8 N/mm²
- Tensile Strength: 20 N/mm²
- Flexural Strength: 30 N/mm²
- Compressive Strength: 70 N/mm²

COLOUR	: Off White
N°. OF COMPONENTS	: 2
MIXING RATIO (VOL)	: 1 : 1
CONSISTENCY	: Thixotropic Paste
VOLUME SOLIDS	: 100%
MIXED DENSITY	: 1.66
PRACTICAL SPREAD RATES	: 1m ² /ℓ
POT LIFE @ 25°C	: 1 hr
TOUCH DRY @ 25°C	: 4 hrs
HARD DRY @ 25°C	: 12 hrs
FULL CURE	: 7 days
APPLICATION TEMPERATURE	: 10 to 40°C
OPERATING TEMPERATURE	: -20°C to +60°C
CLEANING EQUIPMENT	: D701 WSBC
SHELF LIFE	: 12 months
PACK SIZE	: 500ml, 1 & 2 litres

FEATURES

- 1 to 1 mix
- Easy to mix and apply
- Water smoothable
- Can be applied to vertical surfaces
- Gap filling adhesive
- Excellent waterproof properties

CHEMICAL RESISTANCE

Resists most dilute acids and alkalis, aliphatic solvents, seawater, and petroleum products.

SURFACE PREPARATION

All surfaces must be clean and sound and free of dust, oil and dirt. Smooth surfaces should be abraded to create a mechanical key. Teak and other oil containing wood to be thoroughly treated with MEK or Acetone to provide an oil free surface for bonding.

APPLICATION

Mix the epoxy and activator in the proportions given on a clean wooden board. Mix thoroughly using a flat putty knife or trowel. Apply to both surfaces and bring together. Smooth and wipe excess with a damp cloth. Keep bonded material under pressure with clamps or applied weight until set.

TOXICITY

Although D202 is relatively non-toxic, it is recommended that the normal precautions in dealing with conventional epoxy systems are adhered to. Refer to the relevant 16-point Safety Data Sheet.

HOW TO SPECIFY

Bond suitably prepared surfaces together using D202 All Purpose Epoxy Adhesive according to the manufacturer's instructions.