

CRC Industries NZ

## ***I. Product Description***

CRC Builders Glue is a superior one-to-one mix adhesive that will out-perform most other adhesives. Its gap filling qualities will bridge and strengthen irregular joints. CRC Builders Glue will not slump, has high impact resistance and may be milled, tapped, screwed, sawn and painted over when cured.

CRC Builders Glue is an epoxy-polyamide resin which has excellent adhesion to properly prepared timber, aluminium, steel, brick & masonry and GRP. It is 100% water resistant and has excellent chemical and abrasion resistance, making it ideal for industrial and commercial environments.

## ***II. Application and Directions***

### PREPARATION:

- Surfaces to be bonded should be clean and free of dirt and grease.
- Abrade with sandpaper (100 grit) to open cells.
- Clean any residue before gluing. Use ADOS Epoxy Solvent Clean Up to clean heavily soiled areas.

### APPLICATION:

- On a flat disposable board, place equal measures of part A and part B. Mix thoroughly until colour changes to a light cream.
- Apply adhesive with a notched trowel or spatula ensuring glue is worked well into joint.
- CRC Builders Glue will bridge gaps up to 3mm.
- Clamp lightly overnight. Do not over clamp, this will squeeze glue from the repair and affect the bond.
- Full cure will take 3-7 days.
- After full cure, CRC Builders Glue can be sanded and painted.

### CLEANING:

- ADOS Epoxy Solvent Clean Up: For removing uncured mixture from utensils.
- Use vinegar, then warm water and soap on skin.

## ***III. Features & Benefits***

- **100% Waterproof** – Use in wet areas and to seal shower floors, join shower bases to floors and walls etc.
- **Super strong** – Bonds similar and dissimilar products
- **Convenient & Versatile** – Suitable for overpainting, drilling, tapping, sanding, planning, sawing
- **Appearance** – Similar shade to timbers. May be varnished over without spoiling the natural timber effect.
- **Resilient** – 100% water resistant, excellent chemical, abrasion and high impact resistance
- **Safe** – Non flammable
- **Cost effective, easy to use** – 1:1 ratio, ensures correct mixing each time



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#### IV. *Typical Properties and Characteristics*

Type	Epoxy Adhesive
Composition	Epoxy and fillers
Colour	Tan
Temperature Range	Up to 60°C
Reactivation	N/A
Viscosity	Thick Gel
Coverage	1m <sup>2</sup> per litre
Working Time	30 minutes
Bond Strength (Tensile Lap Shear)	2200 psi
Tensile Stress (ASTM D638-22)	20MPa
Compressive Strength (ASTM D695-15)	40MPa

#### V. *Package Description*

Part Number	Size
4490	500ml
4492	1L

#### VI. *Special Precautions*

**General:**

Use with adequate ventilation. Do not eat, drink or smoke while using. Store in a cool, well-ventilated area and indoor temperature must be between 5°C and 20°C. Dispose of empty containers safely. All unused product should be disposed of in conformance with local and HSNO regulations, do not contaminate water supply.

**First Aid:**

Swallowed – Give water to dilute. Do not induce vomiting. Get medical attention without delay.

Skin – Remove contaminated clothing and wash skin thoroughly with soap and water. Do not scrub skin.

Eyes – Hold open and flush with water for at least 15 minutes. Get medical attention without delay.

Inhalation – Remove to fresh air. If breathing difficulty get medical attention immediately.

Refer to Material Safety Data Sheet for more details.

TECHNICAL DATA SHEET Version 08/2023

**PRODUCT WARRANTY:** CRC offers a conditional warranty of this product for the period of 2 years from the date of manufacture.

**DISCLAIMER:** All information on this data sheet is based on testing by CRC Industries NZ. All products should be tested for suitability on a particular application prior to actual use. CRC Industries makes no representations or warranties of any kind concerning this data.