



ADHESIVE ENGINEERING

ADHESIVE ENGINEERING NSW. IS A DIVISION OF CARVERU PTY LIMITED ABN 99 001 693 509

3/2 Leighton Place, Hornsby N.S.W 2077

TELEPHONE: 9477 7877

P.O. Box 1505 Hornsby Westfield 1635

Web: www.adhesiveengineering.com.au

(after hours service 0407 510 503)

FACSIMILE: 9477 3315

Email: sales@adhesiveengineering.com.au

ARMAGROUT "C" COLD CURING EPOXY GROUT

- COMPOSITION:** Three part pre-measured, liquid epoxy resin kit.
- USES:** When a liquid, self levelling, non-shrink, solvent free, high strength grout is required.
- VISCOSITY:** Available in three standard viscosities.
Dark Blue Coloured System Heavy viscosity, slow pouring at 25'C
Blue System Medium viscosity, easy pouring at 25'C
White / Grey System Low viscosity fast pouring at 25'C
- PACKAGING:** Dark Blue & Blue Kits are available in 7 litre kits only.
White / Grey system, 5.5 and 1 litre kits only.
- MEASURING:** ARMAGROUT is a factory packed Three part kit, Do not split the kits.
- MIXING:** Add all part "B" to the large "A" part container, mix thoroughly for 2 min. using a slow power stirrer (250/350 rpm). Add the filler (the third part) mix thoroughly for a further 2 min. using the power stirrer Scraping the sides during the stirring process. Use immediately.
- APPLICATION:** After mixing, the Blue systems are poured only.
The White system may be poured or pumped.
Consult our Technical Staff.
- WORK TIME:** 15 min at 25' C
- FORMWORK:** Wax the surfaces with our release wax. All joints to be leak proof.
- SETTING TIME:** ARMAGROUT sets in approximately 60 min at 25' C.
- CURE TIME:** At a constant 25' C ARMAGROUT has approximately 60% of it's ultimate strength in 24 hours and full cure in 7 days.
- COMPRESSIVE STRENGTH:** 100 Mpa full cure.
- TENSILE STRENGTH:** 20 Mpa full cure.
- BOND STRENGTH:** 25 Mpa. (In bond test to concrete; the concrete fails).

WATER ABSORPTION: (continuous immersion) 0.02%

WEIGHT: 1.6kg per litre.

HYDROPHILIC PROPERTIES:
Will tolerate moisture while curing

TOXICITY: Cured, NIL

RESISTANT TO THERMAL SHOCK:
No delamination or cracking after cyclic test of temperature change from 0 degrees to 100 degrees C.:50 cycles.

FUNGUS RESISTANCE: Does not readily support growth.

WEATHERING: Slight darkening of surface colour, mainly due to sooting.

WEAR RESISTANCE: High, even under adverse conditions.

CLEAN UP: Use ADHESIVE ENGINEERING Tool Cleaning Solvent (T.C.S.)

SAFETY FIRST: Ref: Our Safe Handling Bulletin.

SURFACE PREPARATION:

STEEL: It is important to remove all mill scale & corrosion. Methods are grit blasting, grinding, Needle-gun. Grit blasting will give the best results but environmental restrictions may demand lesser quality. Bright steel needs to be de-greased, contact our office for further information.

CONCRETE: De-grease if required, grind to remove curing agents and laitance. With structural repairs, scabble, excavate bony concrete in a box like cavity with square faces to the compressive forces. Surfaces to be dust free.

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ARMAGROUT "C" is manufactured by ADHESIVE ENGINEERING NSW

Unit 3 - 2 Leighton Place, Hornsby NSW 2077

For Technical Service ring our office 7 a.m. to 5 p.m. Monday to Friday.

Phone (02) 9477 7877

Fax (02) 9477 3315

After Hours 0407 510 503