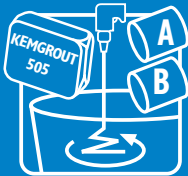


**PACKAGING**



**MIXING**



**APPLICATION**



**USES**



**SUBSTRATES**

**CONCRETE  
BRICK  
BLOCK  
CEMENT  
RENDER  
STONE WALLS**

**DESCRIPTION**

A multipurpose water based two pack epoxy resin. EPECRETE has excellent adhesion to most correctly prepared building surfaces such as brick, block, concrete and masonry.

**USES**

**As a dampproofing membrane** on concrete floors prior to floor coverings where moisture exceeds Australian Standards and to stop dampness in cellars, basements, etc.

EPECRETE has a water vapour transmission (WVT) rate of 1.2mg/cm<sup>2</sup>/24 hrs when properly applied and cured. All subsequent floor coverings or paint must have a higher (WVT) than EPECRETE to ensure no vapour condensation. Polyurethane based adhesive must be used for all timber flooring.

**As a repair mortar** for patching holes and anchoring steel bolts in concrete. Has high comprehensive strength and good chemical and abrasion resistance. Apply with trowel or pointing tool.

**APPLICATION TABLE**

USE	RESIN AND HARDENER	ADD CEMENT MIX	No. OF COATS	COVERAGE	POT LIFE AT 25°C
Repair Mortar	2 litres	5 kg mortar	6 mm thick	0.6 m <sup>2</sup>	50 mins
Damp Proofing	2 litres	2 kg Kemgrout	2	9 m <sup>2</sup>	50 mins

**SURFACE PREPARATION**

Apply to a structurally sound, contaminant free, clean surface. Sand blast, wire brush or chip away previously coated surfaces. Remove efflorescence and laitance by mechanical means then wash thoroughly and allow surface water to dry. Very porous surfaces must be mist sprayed with water before application.

**MIXING**

Mix Part A and B individually first if not using complete pack.

Mix equal volumes of A and B in a clean mixing container using a slow speed electric drill and mixing paddle, mixing for at least 3 minutes. Do not mix more than can be used in the pot life time. Mix with powder in accordance with application table mixing to a uniform consistency and adjust with small quantities of water (up to 5%) to suit worker's preference. Adding excess water will decrease EPECRETE's performance.

**SPECIFICATION**

The epoxy resin shall be water based and when used for waterproofing shall have a WVT rate of 1.2mg/cm<sup>2</sup>/24 hrs and as a mortar a compression strength in excess of 20 Mpa such as Epecrete manufactured by Construction Chemicals and be applied in accordance with the manufacturers instructions.

**APPLICATION**

Apply the mixture with a long nap roller or brush in two thin coats at different directions to avoid pinholes. Avoid puddles or thick coats.

**RECOAT TIME**

2 hours at 25°C.

**FULL CURE**

7 days @ 25°C.

**CONSTRUCTION  
CHEMICALS**

- **ADELAIDE** 467 - 469 SOUTH RD REGENCY PARK 5010 PH: (08) 8346 8013 FAX: (08) 8340 2052
- **BRISBANE** 45 COULSON ST WACOL 4076 PH: (07) 3271 2944 FAX: (07) 3271 3892
- **MELBOURNE** 1 / 10 GABRIELLE CT BAYSWATER NORTH 3153 PH: (03) 9761 4711 FAX: (03) 9761 4748
- **PERTH** 61 DOWD ST WELSHPOOL 6106 PH: (08) 9358 6493 FAX: (08) 9358 6493
- **SYDNEY** 2/ 31-33 NEWTON RD WETHERILL PARK 2164 PH: (02) 9756 3533 FAX: (02) 9756 3534
- **AUCKLAND** 16 CARPENTER RD EAST TAMAKI PH: (09) 273 5444 FAX: 0800 266 236
- **KUALA LUMPUR** LOT 2 JALAN KECAPI 33/2 ELITE INDUSTRIAL ESTATE OFF JALAN BUKIT KEMUNING PH: (03) 552 2522 FAX: (03) 522 2526

"The information contained in this technical publication is based on our current knowledge and experience and is provided as a guide only. In view of the many factors that may affect application it is the users sole responsibility to ensure suitability for a specific purpose."