

PACKAGING



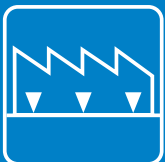
MIXING



APPLICATION



USES



SUBSTRATES

**CONCRETE
BRICK
BLOCK
CEMENT
RENDER
STONE WALLS**

DESCRIPTION

A multipurpose water based three 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 4.3g/m²/24 hrs when properly applied and cured. All subsequent floor coverings or paint must have a higher (WVT) than EPECRETE to ensure no vapour condensation. ULTRATHANE or FOAMGRIP 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 ²	50 mins
Damp Proofing	2 litres	1 kg Epecrete powder	2	9 m ²	50 mins

SURFACE PREPARATION

The surface must be structurally sound and clean, free from laitance, dust, waxes, paint and other contaminants. Apply EPECRETE to wood floated or broom finish concrete. Steel floated and contaminated surfaces must be suitably abraded with dustless shot blasting or grinding then washed thoroughly and surface water allowed to dry. Very porous surfaces must be dampened prior to EPECRETE 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 30 min. Mix with powder in accordance with application table mixing to a uniform consistency.

SPECIFICATION

The epoxy resin shall be water based and when used for damp proofing shall have a WVT rate of 4.3g/m²/24 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

On porous concrete, prior to applying EPECRETE, dampen floor with water and avoid puddles. Apply the mixture with a broom or brush, in two thin coats, in different directions to avoid pinholes. Allow 24 hours before continuing work.

RECOAT TIME

2 hours at 25°C. Apply adhesives or toppings between 24 and 48 hours after second coat.

FULL CURE 7 days @ 25°C.

**CONSTRUCTION
CHEMICALS**

- **ADELAIDE** 135 CORMACK RD (Cnr Davis Rd) WINGFIELD 5013 PH: (08) 8243 7888 FAX: (08) 8243 7800
- **BRISBANE** 45 COULSON ST WACOL 4076 PH: (07) 3271 2944 FAX: (07) 3271 3892
- **MELBOURNE** 11 GABRIELLE CT BAYSWATER NORTH 3153 PH: (03) 9761 4711 FAX: (03) 9761 4748
- **PERTH** 11 COLLIE ST WELSHPOOL 6106 PH: (08) 9356 9999 FAX: (08) 9356 9955
- **SYDNEY** 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 40000 SHAB ALAM PH: (603) 5122 2522 FAX: (603) 5122 2526

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