

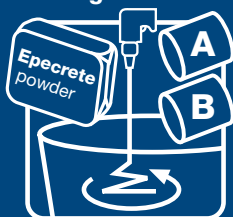
Epecrete

Multipurpose, water-based, epoxy moisture barrier

Packaging



Mixing



Application



Uses



Substrates

Concrete
Brick, Block
Cement render
Stone walls

Description

A multipurpose, water-based, epoxy moisture barrier that stops moisture and dampness from passing through masonry wall and floors (concrete, brick, block, screed and render).

Uses

A dampproofing membrane on concrete floors prior to floor coverings where moisture exceeds Australian Standards and to stop dampness in floors and walls of cellars, basements, etc.

A primer for damp/immersed applications, smooth concrete and tiles.

Epecrete has a water vapour transmission (WVT) rate of 14g/m²/24 hours when properly applied and cured. All subsequent floor coverings or paint must have a higher WVT than **Epecrete** to ensure no vapour condensation build-up.

- Stops rising damp
- Protects floor coverings (timber, vinyl, tiles and carpet)
- Seals cellars and basements
- Seals garage floors and external paving from damp
- Seals aerated concrete and Hebel
- Primer for the surfaces of concrete treated with crystalline waterproofing admixture

Features

- Stops moisture and dampness penetrating through masonry floors and walls
- Does not impair the adhesion of finishes and adhesives
- Long life - will perform for the life of the structure
- Easily mixed and applied
- Water based
- No priming required.

Epecrete is both primer and coating

Coverage

3kg kit

Use	No. of coats	Coverage
Dampproofing	2	9m ²
Primer	1	18m ²

Specification

The epoxy moisture barrier shall be water based and when used for dampproofing shall have a WVT rate of 14g/m²/24 hours, such as **Epecrete** manufactured by **Construction Chemicals** and be applied in accordance with the manufacturer's instructions.

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. Porous surfaces must be dampened prior to **Epecrete** application.

Mixing

Mix Part A and B individually first, then mix Part A and B together in a clean mixing container using a slow speed electric drill and mixing paddle for at least 3 minutes. Do not mix more than can be used in 30 minutes. Mix with powder to a uniform consistency.

Application

Apply with a brush or broom (for superior adhesion and improved penetration into the substrate), or a roller. On porous concrete, prior to applying **Epecrete**, dampen floor with water and avoid puddles. Apply the mixture in two thin coats, in different directions to avoid pin holes. Allow 24 hours before continuing work.

Recoat Time

2 hours at 25°C. Apply adhesives, coatings or toppings between **24-48 hours** after second coat. Apply at temperatures between 10-25°C.

Pot Life

50 minutes @ 25°C @ 50% relative humidity.

Full Cure

7 days @ 25°C @ 50% relative humidity.

Shelf Life

When stored in the original, unopened packaging, in a dry place @ 23°C @ 50% relative humidity, the product has a 12 month shelf life.

Safety Precautions

Non-toxic, but contains cement which contains silica. Wear gloves and appropriate respirator. Further information for this product is contained in the Safety Data Sheet. Refer; www.constructionchemicals.com.au