

PRIMEDAMP | Multipurpose, water based, epoxy moisture barrier.

Description

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

Uses

A damp proofing membrane on concrete floors prior to floor coverings where moisture exceeds Australian Standards and to stop dampness in floors and walls of cellars, basement, etc. A primer for damp/immersed applications, smooth concrete and tiles.

PrimeDamp 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 **PrimeDamp** to ensure no vapour condensation build-up.

Coverage

3kg kit

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

Specification

The epoxy resin shall be water based and when used for damp proofing shall have a WVT rate of 14g/m² /24 hours such as **PrimeDamp** 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 **PrimeDamp** 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 **PrimeDamp** application.

Mixing

1. Stir part A and B separately.
2. Mix parts A and B together in a clean mixing container, with a low speed electric drill and a mixing paddle for at least 3 minutes until the colour is uniform form.
3. Then add in the part C powder, mix until uniform consistency appearance is achieved.

NOTE:

Exposure time is subjected to climate conditions. This product must be used in 30 minutes @25°C after mixed. For warmer climate, the working time is shorter.

Therefore, mix only what is require due to the pot life is limited to the recommended guidelines by the manufacturer. After such time, the mixture is no longer applicable. For each new mix, clean container and tools should be used.

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 **PrimeDamp** 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 or toppings between 24 and 48 hours after second coat.

Pot Life

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

Full Cure

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

For more Information:

www.unitymarketing.com.my