



## Technical Data Sheet

# Moisture Seal

### Epoxy Water Vapour Barrier

#### DESCRIPTION

A two part, high performance, water based epoxy moisture and vapour barrier formulated to prevent water seepage and permeation in building and construction substrates.

#### FEATURES

- ✓ Easy water clean up.
- ✓ Withstands high levels of hydrostatic head of water pressure (up to 25 metres or 250 kPa).
- ✓ Excellent adhesion to recommended substrates.
- ✓ Convenient equal part mixing ratio by volume or weight.
- ✓ Approved for use with potable (drinking) water, conforms to AS4020 (1992).
- ✓ Tested to ASTM E96 for water vapour transmission.
- ✓ Australian made.
- ✓ Environmentally friendly.
- ✓ Non flammable, negligible odour and toxicity



#### RECOMMENDED USES

- ✓ In-situ concrete.
- ✓ Brick, block and stone work.
- ✓ Fibre cement and AAC systems.
- ✓ Pre cast and tilt up panels

#### APPLICATION INSTRUCTIONS

##### SURFACE PREPARATION

- All surfaces to be treated must be structurally sound and all previous coatings, adhesives, efflorescence or laitance should be removed by chipping, abrasive blast cleaning, high pressure water washing, mechanical scrubbing or other suitable means.
- All surfaces must be cleaned free from dirt, grease, oil or other surface contaminants.
- Holes, non-structural cracks and other surface deformities should be repaired using **Bostik Patchfix** in accordance with the technical data sheets.
- Very porous or "boney" concrete may require 3 coats of **Bostik Moisture Seal**. The first coat acting as a primer, penetrating into the pores of the concrete.
- Ensure recoat times are adhered to between applications (refer to precautions). A minimum of 4 hours is required between coats, preferably overnight if temperature is below 20°C.

##### MIXING

- Mixing should be by means of a mechanical forced action mixer with a high shear stirrer.
- First, premix each individual component to form a homogeneous paste.
- Second, join the two components by equal volume or weight, mixing thoroughly for a minimum of 5 minutes until a homogeneous blended paste is obtained.
- Avoid trapping air during mixing; this may cause later pinholing in the coating during application.
- Only mix as much as may be used within the pot life of the product.