

TECHNICAL DATA SHEET

WPM

WATERPROOF MEMBRANE

DESCRIPTION:

PCP WPM Membrane is compliant to AS/NZ 4858:2002 and AS/NZ 4654.1:2012, satisfying the requirements of AS 3740 and AS/NZ 4654.2 for use in internal and external wet areas.

PRODUCT FEATURES:

- Permanently Flexible
- Class III Membrane
- Quick Drying
- Excellent Adhesion
- Fibre Reinforced

AREAS OF USE

- Internal Wet areas including showers and laundries
- Balconies, decks and terraces
- General areas to be waterproofed under tile finishes
- Commercial and Domestic Applications

SUBSTRATES:

- Concrete
- Masonry
- Render
- Screed
- Fibre cement sheeting & Plasterboard*

* Contact PCP Products for recommendations



SUBSTRATE PREPARATION:

- All surfaces are to be clean, sound, smooth, dry, and free from loose material, dirt, dust, oil, grease, wax residues, curing compounds, release agents, existing coatings, moss, algae, sharp protruding objects and all contaminating materials that could compromise the adhesion of the overlaid membrane system.
- Structurally unsound layers and surface contaminants must be mechanically removed.
- Masonry surfaces to be pointed flush, and all surface defects including voids, holes, damaged and pitted sections, cracks and heavy undulations to be filled, made sound and level. Refer to the PCP for surface preparation aids, surface levellers and repair compounds for suitable options.
- All surfaces and substrates must be fit for purpose, constructed and installed to manufacturer's recommendations and relevant building standards in force at time of application.
- Concrete to be allowed to cure for at least 28 days, and cement render/sand cement screeds allowed to cure for at least 7 days.

PRIMING:

PCP WPM Membrane must be applied over a primed surface. Apply a suitable primer to surfaces to the extent of the waterproofing application as per PCP recommendation, in line with relevant standards and project specifications.

BONDBREAKER SYSTEM

Install a suitable/compatible bond breaker tape or sealant system to wall/floor junctions and joint transitions commensurate with requirements for Class III membranes under AS 3740 and AS 4654.2 for internal and external wet areas respectively. Seal all penetrations, leak control flanges, fixtures, cracks and required areas with a suitable/compatible flexible sealant.

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INSTALLATION:

Apply PCP WPM to primed substrate to the extent of the waterproofing application, in line with relevant standards and project specifications. Refer to PCP for the relevant, primer, suitable substrate and application details.

APPLICATION & COVERAGE:

- PCP WP Membrane is to be installed as per requirements outlined in current edition of the NCC (National Construction Code of Australia) and applicable waterproofing standards.
- Using a brush or medium nap roller, apply a first coat to the surface achieving a minimum wet film thickness of 0.75mm.
- Once the first coat is dry, apply a second coat at right angles to the first coat to the surface achieving a minimum wet film thickness of 0.75mm.
- PCP WP Membrane is to be applied in a minimum of 2 coats at a total minimum coverage of 1.5 litres/m², achieving a dry film thickness (DFT) of 1mm.

DRY TIMES

Dry film: 24 hours
Recoat: 2-4 hours
Screeding/Tiling: 48 hours

Note: Figures based on ambient temperatures of 23°C and 50% RH. Longer drying times will be required in cooler temperatures and high humidity

TILING:

- Refer to PCP range of tiling adhesives for details.
- Pre-bagged, engineered screeds can be applied over the PCP WP Membrane. If using a site screed mix, proprietary bonding agents to be used in the mix to facilitate adhesion to the membrane

CLEAN UP:

- Clean up with water while wet, once dry product needs to be removed mechanically or by solvent

SHELF LIFE/STORAGE:

- 12 months when stored in original unopened packaging. To be stored in a dry area off the ground, do not store in direct sunlight

LIMITATIONS:

- Do not apply when surface or ambient temperatures are below 5°C or above 35°C
- Must not be applied when raining or if rain is imminent
- Not recommended for immersed applications
- Must not be used over damp, or high moisture content substrates unless first treated with RLA Moisture Seal
- Not to be used as a trafficable membrane surface
- For detailed advice on applications not mentioned in this TDS, contact the RLA Technical Department