

WPM WATER PROOF MEMBRANE**Product Description:**

Protek WPM is a waterborne flexible waterproof membrane designed for use under tiled finishes that is capable of accommodating expected structural movement.

Areas of use:

- Shower recesses
- Bathroom floor areas
- Laundries
- Kitchens
- Concrete, cement render, plaster
- Wet area wall lining board
- Hardie/CSR sheet flooring
- Brick
- Plywood sheeting flooring
- Balconies
- Patios
- Steel (suitably primed)
- Light weight aggregate block
- Plasterboard, MDF

Features:

- Low VOC content
- Permanently flexible – accommodates cracking in substrate
- Excellent adhesion to a wide variety of substrates
- Dries to a keyed finish to promote adhesion with tile adhesives
- Single Pack
- Quick drying
- Safe and easy to use
- No priming required
- Designed for use with a 12mm bond-breaker
- Excellent adhesion to building substrates including concrete, fibre cement, stone and masonry,

Acceptable Substrates:

- Concrete, pre cast concrete, Bricks, Masonry, Cement Sheet, Structural plywood
- Always contact the manufacturer if in any doubt re substrates to be bonded

Surface Preparation:

All surfaces to be waterproofed must be firm, clean, dry, sound and smooth. All grease, oil, wax, curing compounds, dust, droppings, loose material, paint and any other contaminants must be removed. Fibrous cement sheeting, water resistant plasterboard, marine ply and level 3 treated ply must be fixed in accordance with the manufacturer's installation directions. Concrete must be allowed to cure for 28 days and cement render and sand / cement screeds must be allowed to cure for 7 days prior to the application of Protek WPM. Porous substrates must first be primed using an appropriate water based primer. Damp or moist substrates and dense non – porous substrates must be primed using "Protek WPM Epoxy Seal". Apply an appropriate neutral cure silicone as a bond breaker to the wall/wall joints, the wall/floor joints, and wherever there is a change in the direction of the substrate. All sheet joints and fixings must also be filled with neutral cure silicone before applying a coat of Protek WPM over all sheet joints, extending 100 mm either side of the joints.

Static crack treatment:

For cracks less than 1mm, clean thoroughly before filling with an appropriate neutral cure silicone. Protek WPM cannot span gaps. For dynamic cracks/expansion joints and control joints contact the CTA Technical Department for further advice.

Application- Internal Wet Areas:

Protek WPM must be applied using a brush or roller. A minimum thickness of 1mm dried film thickness of Protek WPM is required for optimum waterproofing properties. The surface onto which Protek WPM is applied must be continuous. Protek WPM cannot span gaps. A minimum of two coats of Protek WPM is required.

Shower Recesses:

Apply Protek WPM to the internal vertical corners of the shower using a brush extending at least 100mm either side of the joint. Ensure the corner is well coated. This must extend past the height of the shower rose. It is important to coat around the tap protrusions in the wall. The wall/floor joint must be coated with Protek WPM. The membrane must extend onto the floor at least 100mm and onto the wall 100mm. Protek WPM must extend a minimum of 25mm above the height of the job. The walls should then be coated. Once the wall/wall junctions, wall/floor junctions, tap protrusions and walls are coated, then the shower floor must be coated. When coating the floor, the Protek WPM must be dressed down into the floor waste a minimum of 50mm. The Floor must be coated with the Protek WPM ensuring a minimum dry film thickness of 1mm is achieved. Apply a final coat to ensure there are no imperfections in the membrane. Protek WPM must be applied at 0.5 litre per M2 per coat. The minimum dry film thickness must be a minimum of 0.5mm.

Floors of Wet areas:

Apply Protek WPM to the wall/floor joints and sheet flooring joints and fixings using a brush, extending at least 100mm either side of the joints. Once these areas are dry, the entire floor area can be coated. Sufficient Protek WPM must be applied onto the surface to achieve a 1mm dried film thickness. Protek WPM must be applied at 1 litre per M2 per coat. Two coats are required.

Roofs:

Protek WPM is recommended as a waterproofing membrane for non-trafficable areas. Application is recommended as for "Floors of Wet Areas". There must be sufficient falls for effective drainage to eliminate bonding.

Drying:

Allow 4 – 6 hours between coats. Allow 48 hours to dry prior to tiling. Allow longer in adverse weather conditions.

WPM WATER PROOF MEMBRANE**Limitations:**

- Protek WPM is not designed to stop a hydrostatic head of water pressure
- Protek WPM must not be used over damp, wet or contaminated substrates
- Protek WPM must not be applied if it is raining or if rain is imminent
- Protek WPM must not be applied directly over protective coatings
- Protek WPM must not be applied over the recommended coverage of 1 litre per m²
- To eliminate possible surface contamination or damage, it is recommended that tiling be carried out as soon as the membrane has cured
- Timber and particle board flooring must be overlaid with fibrous cement sheeting
- Protek WPM must not be used as a wearing surface for foot or vehicle traffic
- Protek WPM must not be used as an exposed membrane
- Protek WPM must only be used as recommended
- Do not apply where the surface temperature is below 10°C or greater than 35°C

Availability:

- Protek WPM is available Australia wide through the Rebound Ace network of distributors.
- Please contact Rebound Ace on (07) 3723 8800 for your nearest distributor

Clean Up:

Clean tools and equipment with warm water and detergent while the membrane is still wet.

Packaging:

15 litre plastic pails

Coverage:

- Floors- 1 litre per M² at 1mm dry film thickness
- Walls- 0.5 litre per M² at 0.5mm dry film thickness

Shelf Life:

Unopened pails can be stored for up to 12 months in a cool, dry and weatherproof environment. Bags must be stored off the floor.

Safety Directions:

Rebound Ace supports best practice in material handling: gloves, mask, safety goggles and protective clothing should be worn. If the product comes into contact with the skin, wash off with warm soapy water. Avoid inhaling the dust by wearing a suitable dust mask and provide adequate ventilation. If swallowed drink plenty of water and seek medical advice. In case of contact with the eyes, rinse with an eye wash or wash away with plenty of water.

Safety Directions:

If poisoning occurs, contact a Doctor or Poisons Information Centre (Phone Australia: 13 11 26, New Zealand: 0800 764 766).

EMERGENCY INFORMATION: 1800 033 111 (ALL HOURS). SEE THE MATERIAL SAFETY DATA SHEET FOR ADDITIONAL INFORMATION.

Important:

Information and recommendations provided in this Technical data sheet are provided in good faith based on experience and current knowledge. It is important to note – All information is based on correct application and correct preparation of work. Differences in materials,, site conditions, substrates, method of application make it impossible to provide a warranty- no legal relationship can be inferred from neither this information nor any liability. All orders are accepted subject to our terms and conditions of sale.

PLEASE CONSULT TECHNICAL DEPARTMENT FOR PRODUCT RECOMMENDATIONS AND ADVICE PRE-TESTING OF SUBSTRATES IS AVAILABLE TO ENSURE PERFORMANCE OF PRODUCT UNDER ALL CONDITIONS

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Warranty Conditions

Rebound Ace guarantee this product for 12 years provided application is in accordance with manufacturer's written directions for use and the Australian Standard for Tiling Practice (AS3958.1-2007). The representations and recommendations regarding the products are based on tests which we believe to be reliable. However, no guarantee of their accuracy can be made because of the great range of field conditions and variations encountered in raw materials, manufacturing equipment and methods. Thus, the products are sold with a limited warranty only, and on the condition that purchasers will make their own tests to determine the suitability of the product for their particular purposes. Under no circumstances will REBOUND ACE Pty Ltd. be liable to anyone except for replacement of the products or refund of the purchase price. REBOUND ACE Pty. Ltd. guarantee this product for 12 years provided application is in accordance with manufacturer's written directions for use and the Australian Standard for Tiling Practice (AS3958.1-2007). The representations and recommendations regarding the products are based on tests which we believe to be reliable. However, no guarantee of their accuracy can be made because of the great range of field conditions and variations encountered in raw materials, manufacturing equipment and methods. Thus, the products are sold with a limited warranty only, and on the condition that purchasers will make their own tests to determine the suitability of the product for their particular purposes. Under no circumstances will REBOUND ACE Pty Ltd. be liable to anyone except for replacement of the products or refund of the purchase price.

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