

PROTEK WPU

WATER PROOF MEMBRANE WITH POLYURETHANE

Product Description:

Protek WPU is an elastomeric, one part, fibre reinforced, water based polyurethane membrane used for waterproofing shower recesses, bathrooms, laundries, decks, balconies and rooftops.

Protek WPU is a CSIRO certified Class III membrane, and is AS4858:20040 "Wet Area Membranes" compliant, when applied in accordance to AS3740:2004 "waterproofing of Wet Areas in Residential Buildings"

Areas of use:

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

Features:

- Water based
- Fast drying
- One part
- Suitable for internal and external applications
- Fibre re-inforced
- U.V stable

Acceptable Substrates:

- Concrete, pre cast concrete, bricks, masonry, cement sheet
- Always contact the manufacturer if in any doubt regarding substrates

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 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 WPU. Porous substrates must first be primed using Protek Eco-Prime WB. Damp or moist substrates and dense non – porous substrates must be primed using Protek Moisture Seal or Protek Epoxy Seal. Apply an appropriate neutral cure silicone as a bond breaker to the wall/wall joints, the wall/floor joints, and where ever 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 WPU over all sheet joints, extending 100mm either side of the joints.

Static crack treatment

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

APPLICATION -**Internal Wet Areas**

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

Floors and Walls of Wet Areas

Apply Protek WPU 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 and wall area can be coated. Sufficient Protek WPU must be applied onto the surface to achieve a 1mm dried film thickness. Protek WPU must be applied at 0.75 litre per M2 per coat. Two coats are required.

Roofs

Protek WPU 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 ponding.

DRYING

Allow 12 hours between coats. Allow 48 hours to dry prior to tiling. Allow longer in adverse weather conditions.

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Limitations:

- Protek WPU is not designed to stop a hydrostatic head of water pressure
- Protek WPU must not be used over damp, wet or contaminated substrates
- Protek WPU must not be applied if it is raining or if rain is imminent
- Protek WPU must not be applied directly over protective coatings
- Protek WPU must not be used as a wearing surface for foot or vehicle traffic
- Protek WPU must only be used as recommended
- Do not apply where the surface temperature is below 10°C or greater than 35°C

AVAILABILITY

- The **Protek** range of products 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 and Walls – 0.75litres per M2 per litre per coat. 2 coats required. DFT 1mm

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.

FIRST AID

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.

**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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