

# PROTEK TANKING WPM

**Protek Tanking WPM** is a chemically modified waterborne flexible waterproof membrane designed for use demanding internal and external waterproofing applications capable of accommodating expected structural movement.

**Protek Tanking WPM** cures to form a durable, tough, impervious membrane that will not re-emulsify when fully cured.

**Protek Tanking WPM** can be used in fully immersed situations.

\* Approved for use in wet areas within residential buildings (AS3740:2004)

## Areas of Use:

- Shower recesses
- Bathrooms
- Laundries
- Kitchens
- Balconies
- Retaining Walls
- Planter Boxes
- Retention Tanks\*
- Ponds\*
- Below grade exterior walls
- Courtyard areas
- Concrete, cement render, plaster
- Wet area wall lining board
- Hardie/CSR sheet flooring
- Brick
- Light weight aggregate block
- Plasterboard

(If used in a tanking situation **Protek Moisture Seal** must be applied)

NOTE: for full immersion applications the membrane must be allowed to cure for 21 days

## Features:

- Low VOC content
- Water based/ Safe and easy to use
- Permanently flexible
- Suitable for horizontal and vertical use
- Designed for use with a bond-breaker
- No priming required (If used in a tanking situation **Protek Moisture Seal** must be applied)
- Excellent adhesion to a wide variety of substrates
- Fibre-reinforced
- Single pack
- Quick drying

## Acceptable Substrates:

- Concrete, pre cast concrete, bricks, masonry, cement sheet,
- Always contact the manufacturer if in any doubt regarding 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 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. 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 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 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 Tanking WPM 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 WPM must be applied using a brush or roller. A minimum thickness of 1mm dried film thickness of **Protek Tanking WPM** is required for optimum waterproofing properties. The surface onto which **Protek Tanking WPM** is applied must be continuous. Protek WPM cannot span gaps. A minimum of two coats of **Protek Tanking WPM** is required. **Protek Tanking WPM** must be applied onto the surface to achieve a 1mm dried film thickness. Protek WPM must be applied at 0.75 litre per M2 per coat. Two coats are required.

## EXTERNAL WATERPROOFING

**Protek Tanking WPM** is recommended as a waterproofing membrane for non-trafficable areas. Application is recommended as for "Floors of Wet Areas". **Protek Tanking WPM** must be applied onto the surface to achieve a 1mm dried film thickness. **Protek WPM** must be applied at 0.75 litre per M2 per coat. Two coats are required. **Protek Tanking WPM** applied on vertical and horizontal surfaces

## DRYING

Allow 12hours between coats.. Allow longer in adverse weather conditions.

## LIMITATIONS

- **Protek Tanking WPM** must not be used over damp, wet or contaminated substrates
- **Protek Tanking WPM** must not be applied if it is raining or if rain is imminent
- **Protek Tanking WPM** must not be applied directly over protective coatings
- **Protek Tanking WPM** must not be used as a wearing surface for foot or vehicle traffic
- 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.

## 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.

## 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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