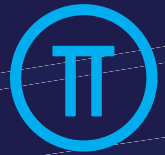


PIRASEAL WBP-UV

ELASTOMERIC, ONE-PART, FIBRE REINFORCED

WATER BASED POLYURETHANE WATERPROOFING MEMBRANE



DESCRIPTION

Piraseal WBP-UV is an elastomeric, one-part, fibre reinforced, water based polyurethane membrane, suitable for waterproofing shower recesses, bathrooms, laundries, decks, balconies and rooftops.

FEATURES/BENEFITS

- Class III membrane in accordance with AS 4858 and AS 4654.1
- Low VOC content
- Permanently flexible
- Excellent adhesion to a wide variety of substrates
- Single pack
- Quick drying
- Completely resistant to re-emulsification (when fully cured)
- Safe and easy to use
- UV stable

TYPICAL APPLICATIONS

It is recommended for waterproofing areas such as internal wet areas, shower recesses, balconies, deck areas, parapets and feature walls. It is also recommended for exposed roof applications (Maintenance traffic only).

PERFORMANCE DATA AND PHYSICAL PROPERTIES

Performance data and physical properties @23°C & 55% RH.

- Allow 2-4 hours between coats.
- Allow 48 hours drying time prior to tiling.
- Allow longer drying times in cool, damp or higher humidity conditions.
- Allow 7 days to fully cure.

Wet Form

- VOC.....25 grams/litre
- Appearance.....White or Grey
- Dry solid content.....>60%

Cured Film

- Elongation.....>300%
- Water vapour transmission.....3.13g/M²/24hrs
- Shore A Hardness.....80-85

SUBSTRATES

Piraseal WBP-UV is suitable for concrete, render, screeds, block work, fibre-cement sheeting, wet area grade plasterboard, PPA certified structural and marine plywood and lightweight structural fibre cement sheeting.

Always contact the manufacturer if in any doubt about the suitability of the substrate.

PREPARATION

All surfaces to be waterproofed must be firm, clean, dry, sound and smooth. All laitance, grease, oil, wax, curing compounds, loose material, paint and any other contaminants which may reduce or prevent adhesion must be mechanically removed. Masonry surfaces must be pointed flush and surface defects repaired.

New concrete must be cured for a minimum of 28 days.

Render and cement screeds must be cured for a minimum of 7 days.

Fibre cement sheeting, water resistant plasterboard, PAA structural and marine plywood and lightweight structural fibre cement sheeting must be installed in accordance with the manufacturers installation requirements.

Piraseal WBP-UV requires a fillet (bond breaker) using Piraseal HS or Piraseal MS sealant at all horizontal and vertical transitions.

STATIC CRACK TREATMENT

For static cracks less than 1mm, clean cracks thoroughly before filling with Piraseal HS or Piraseal MS.

Piraseal WBP-UV cannot span gaps. For dynamic cracks/expansion joints and control joints, the use of Piraseal Elastoband or Piraseal Butyl Tape systems is recommended. Contact the Pirasetec Technical Department for further advice.

PRIMING

Dry porous substrates must be primed with Piraseal Primer S. Damp substrates with a RH of <75% must be primed with Piracoat WBE.

Lightweight structural fibre cement sheeting must be primed with Piracoat WBE. Non-porous substrates, such as metals or PVC must be primed with Piraseal Primer NP.

Apply the primer to the prepared substrate by using a brush or roller in accordance with the relevant product's Technical Data Sheet. Allow the primer to fully dry prior to commencing the application of Piraseal WBP-UV.

APPLICATION

Piraseal WBP-UV must be applied in accordance with the applicable provisions of the National Construction Code.

Prior to application, stir the contents thoroughly. Using a brush or roller, apply the first coat of Piraseal WBP-UV after the primer has sufficiently dried. Apply an even and consistent coat of approximately 0.75mm wet film thickness.

Once the first coat has dried, apply a second coat of Piraseal WBP-UV at right angles to the first coat. Apply an even and consistent coat of approximately 0.75mm wet film thickness.

Piraseal WBP-UV must be applied with a minimum of two coats to achieve a dry film thickness of not less than 1.0mm (1000 microns). Test the depth of coats with a wet film thickness gauge at regular intervals during installation.

Note: Avoid contact with skin and eyes. Wear splash proof goggles and rubber or PVC gloves at all times.

LIMITATIONS

Do not apply Piraseal WBP-UV:

- Over damp, wet or contaminated substrates
- If it is raining or if rain is imminent
- Directly over any existing coatings
- Directly to particle board flooring (ceramic tile underlay must be installed)
- Where ambient or surface temperatures are below 10°C or greater than 35°C
- To areas subject to negative hydrostatic pressure or rising damp

To reduce the possibility of surface contamination, it is recommended that tiling be carried out as soon as the membrane has cured.

COVERAGE

1.5 litres per M2 at 1mm dry film thickness (10M2 per drum).

The coverage figures are theoretical due to wastage and depending on the porosity and profile of the substrate, coverage figures may be reduced.

PACKAGING

Piraseal WBP-UV is supplied in 15 litre pails.

CLEAN-UP

Clean tools and equipment with warm water and detergent while the membrane is still wet. Cured Piraseal WBP-UV can be cleaned with an alcohol based solvent or by mechanical means.

SHELF LIFE

Unopened pails can be stored for up to 12 months in a cool, dry and weatherproof environment. If stored at high temperatures, the shelf life may be reduced.

SAFETY

Please refer to Material Safety Data Sheet (MSDS) for personal protection, proper handling and storage.

The technical information and application advice given in this Technical Data Sheet is based on the present state of Piraetec Pty Ltd's best scientific and practical knowledge and is intended to give a fair description of the product and its capabilities. As the information contained herein is of a general nature, no assumption can be made as to a product's suitability for a particular use or application and no warranty as to its accuracy, reliability or completeness, either expressed or implied, is given other than those required by law. In practice, the substrate and environmental conditions vary widely, making it essential for the user to determine the product's suitability for a particular application and that the product is not used beyond its physical limitations. The user is responsible for checking the suitability of products for their intended use.

Field service where provided does not constitute supervisory responsibility. Suggestions made by Piraetec either orally or in writing may be followed, modified or rejected by the owner, engineer or contractor since they, and not Piraetec, are responsible for carrying out procedures appropriate to a specific application.

Date of issue: September 2024

Piraetec Pty Ltd | PO Box 6130 Silverwater NSW 2128 | info@piraetec.com.au