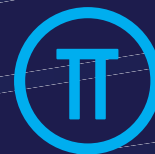


PIRASEAL WB

ELASTOMERIC, ONE-PART, FIBRE REINFORCED
WATER BASED WATERPROOFING MEMBRANE



DESCRIPTION

Piraseal WB is an elastomeric, fibre reinforced waterproofing membrane based on high performance polymer technology.

Designed for a range of undertile waterproofing applications, Piraseal WB offers excellent adhesion and outstanding low vapour transmission properties. Fully compatible with polymer modified cement based tile adhesives, screeds and renders. The unique formulation provides excellent workability and film build.

FEATURES/BENEFITS

- Class III Membrane in accordance with AS 4858 and Class II in accordance with AS 4654.1
- Excellent adhesion to a wide variety of substrates
- Fibre reinforced
- Completely resistant to re-emulsification (when fully cured)
- Fast drying
- Extremely low VOC content
- Compatible with a wide range of tile adhesives
- Permanently flexible

TYPICAL APPLICATIONS

It is recommended for bathrooms, laundries, balconies, podiums, decks and waterproofing of areas subsequently covered by ceramic or stone tiles.

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.....0.1 grams/litre
- Appearance.....Blue or Grey
- Dry solid content.....>60%

Cured Membrane

- VOC.....0.1 grams/litre
- Water vapour transmission.....0.1 g/M²/24hrs

SUBSTRATES

Piraseal WB 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 WB 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 WB 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 Pirattec Technical Department for further advice.

PRIMING

Dry porous substrates must be primed with Piraseal Primer WB or 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 WB.

APPLICATION

Piraseal WB 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 WB 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 WB at right angles to the first coat. Apply an even and consistent coat of approximately 0.75mm wet film thickness.

Piraseal WB 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 WB:

- 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)
- As an exposed membrane
- As a high wear surface for foot or vehicle traffic
- 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 areas of continuous immersion such as swimming pools, ponds, water features or water tanks

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 WB is supplied in 15 litre pails.

CLEAN-UP

Tools and minor spills can be cleaned with water while product is still wet. Cured Piraseal WB 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.

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