



Technical Data Sheet

DAMPFIX PU WATER-BASED

DESCRIPTION

ASA **DAMPFIX PU WATER-BASED** is an elastomeric one part water-based polyurethane membrane used for waterproofing shower recesses, bathrooms, laundries, balconies, decks, roofs and planter boxes.

FEATURES & BENEFITS

- Water based
- Premixed
- Easy clean-up
- Highly flexible
- Requires no reinforcing
- Non-toxic
- Easy to apply
- Suitable for internal and external applications

RECOMMENDED FOR

- Concrete slabs
- Cement render
- Blockwork and brickwork
- Fibrous cement sheeting
- Water-resistant plasterboard
- Plywood
- Particleboard flooring

SURFACE PREPARATION

Surfaces must be firm, clean, dry, sound, smooth and continuous. All grease, oil, wax, curing compounds, dust, plaster droppings, loose material, paint and any other contaminants must be removed. Fibrous cement sheeting and plasterboard must be fixed in accordance to the manufacturers' directions. Allow concrete to cure for 28 days and cement render to cure for 7 days prior to application of **ASA DAMPFIX PU WATER-BASED**. Apply **ASA Neutral Cure Silicone** as a bond breaker to the wall/wall joints, the wall/floor joints, sheet joints and fixings where there is a change in the direction or substrate.

Priming - Porous surfaces must be primed with **ASA Multiprime**. In areas where the substrate is damp or water is likely to rise up below the membrane, then **ASA Dampfix Moisture Seal** must be used prior to the application of **DAMPFIX PU WATER-BASED**.

Crack Treatment - non structural - For cracks greater than 1mm, clean thoroughly then fill joints with **ASA Neutral Cure Silicone**. **ASA DAMPFIX PU WATER-BASED** cannot span gaps.

APPLICATION

The application of **DAMPFIX PU WATER-BASED** must comply with relevant building codes and AS3740 2004 "Waterproofing of internal wet areas in residential buildings". **DAMPFIX PU WATER-BASED** can be applied with a brush or roller. **DAMPFIX PU WATER-BASED** must be applied to achieve a dry film thickness of 1.3mm for optimum performance. To achieve the required dry film thickness of 1.3mm, apply **DAMPFIX PU WATER-BASED** at a rate of 1.0 litres/m² per coat. Two coats are required. Allow a minimum 24 hours between coats. Ensure no imperfections are present in the membrane.

NOTE: Protection boards must be used to protect the membrane before back-filling or concreting.

COVERAGE

2.0 litres will cover 1m² at 1.3mm dry film thickness.

CURING TIME

Approximately 24 hours at 25°C or 50% RH. Cooler or Humid conditions may require longer curing time.

CLEAN UP

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

PACKAGING

15 litre plastic pails.

SHELF LIFE

Unopened pails can be stored for up to 12 months in a cool, dry and weatherproof environment.

SAFETY PRECAUTIONS

During application of **ASA DAMPFIX PU WATER-BASED**, avoid contact with skin and eyes. Wear eye protection and gloves. Use in a well ventilated area. If contact with skin occurs, wash affected area well. If contact with eyes occurs, flush eyes with copious quantities of clean water for at least 15 minutes and contact a physician. It is advisable to use good occupational health and safety practices to avoid personal contact. For more detailed information refer to product Material Safety Data Sheet.



architectural +
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adhesives

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RECOMMENDATIONS FOR TILING OVER DAMPFIX PU WATER-BASED

Walls - **ASA Asaflex, ASA Megafix** and **ASA Conflex**.

Floors - **ASA Asaflex, ASA Conflex, ASA Fixall** mixed with undiluted **ASA Megalastic**

Timber Floors - **ASA Asaflex**

TILING

Commence tiling after membrane has fully cured.

LIMITATIONS

- Do not apply if temperature is below 5°C
- Do not use as a vapour barrier or negative hydrostatic head of pressure
- Excessive water under the membrane will create bubbling
- Do not apply externally if rain is imminent

TECHNICAL PROPERTIES

Viscosity (at 25° C)	Paste
Specific gravity (at 25° C)	Approx. 1.2g/ml
Colour	Grey
Tack free time	6-12 hours
Solids Content	70 +/-1
Application temperature	5 - 40° C
Elongation at break	> 300%
Elongation at break after 7 days immersion in water	800-850%
Tensile strength	3- 3.2 Mpa
Tensile strength after 7 days immersion in water	1.4 – 1.6 Mpa
Moisture vapour transmission	0.42 g/m ² /24 hours
Detergent resistance	Very good
Chemical resistance	Good

TECHNICAL SERVICES TOLL FREE NUMBER

1800 813 890

or visit www.asaltd.com.au

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ASA guarantees this product for 10 years provided application is in accordance with manufacturer's directions and the Australian Standards for Tiling Practice. ASA's liability is limited to the cost of replacing effected ASA product only. ASA reserves the right to inspect. Contact ASA for full guarantee terms.

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