

Technical Data Sheet

DAMPFIX PU



architectural +
structural
adhesives

DESCRIPTION

Dampfix PU is a flexible, elastic one part polyurethane membrane used for waterproofing shower recesses, bathrooms, laundries, balconies, decks, roofs and planterboxes.

FEATURES & BENEFITS

- Pre-mixed
- Highly flexible
- Requires no re-reinforcing
- Light grey
- Easy to apply
- Internal and external application

RECOMMENDED FOR

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



APPLICATION INSTRUCTIONS

SURFACE PREPARATION

Surfaces must be firm, dry, sound and smooth. All grease, oil, wax, curing compounds, dust, plaster droppings, loose material, paint and any other contaminants must be removed. Building boards must be fixed in accordance with the manufacturer's directions. Allow concrete to cure for 28 days and cement render for 7 days prior to the application of **Dampfix PU**.

Priming: Generally surfaces do not require priming. 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**.

ASA Dampfix Moisture Seal is a 2 part water based epoxy which dries to form a waterproof barrier. **Dampfix Moisture Seal** prevents rising damp and continual seepage, resists grease, oil, detergent and most mild chemicals. Ideal for retaining walls, concrete tanks, lift wells and troughs. This product should be used as a primer before the application of **Dampfix** membranes.

ASA Dampfix Moisture Seal comes in 4 litres, 8 litres, 20 litres and 40 litres kits.

Crack Treatment: For static cracks greater than 1mm, clean thoroughly then fill with **ASA Dampfix Seal 'n' Fillet**. Allow to dry. **Dampfix Seal 'n' Fillet** is a white, low modulus, polyurethane sealant which cures from moisture in the air to form a soft, elastic and weatherproof sealant. **ASA Dampfix Seal 'n' Fillet** comes in 600ml (720 grams) sausages

APPLICATION

Sheet Joints: Apply a bead of **ASA Dampfix Seal 'n' Fillet** at all wall/floor joints, wall/wall joints, all sheet joints and fixings and at any change of direction in the substrate.

The application of **Dampfix PU** must comply with AS3740 2004 "Waterproofing of Internal Wet Areas in Residential Buildings".

Dampfix PU can be applied with a brush or roller. **Dampfix PU** 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 the **Dampfix PU** at a rate of 0.75 litres/m² per coat. Two coats are required. Allow a minimum of 24 hours between coats.

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

CLEAN UP

Clean tools and equipment with **Bostik Handi-Clean Wipes** while the membrane is still wet.

PACKAGING

15 litre metal pails.

TILING

Commence tiling after membrane has fully cured. It is recommended that the membrane be tiled, or a mortar bed applied within 72 hours of membrane application since this eliminates surface contamination. If tiling is carried out after this time, ensure that the surface is clean and dry.

RECOMMENDED TILE ADHESIVE

Internal Wall Applications

ASA Polyflex, ASA Megafix, ASA Conflex and ASA Asaflex

Internal Floors and External Applications:

Option 1: ASA Polyflex

Option 2: The membrane must be primed with **ASA Multiprime - 2 Part** water based epoxy. Prime at a rate of 6 to 8m² per litre, ensuring the membrane is fully covered. Tiling must commence within 4 days of application of **Multiprime - 2 Part** using **ASA Fixall** mixed with undiluted **ASA Megalastic, ASA Conflex** or **ASA Asaflex**. Refer to **ASA Multiprime - 2 Part** data sheet for full application details.

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CURING TIME

Approximately 24 hours at 25°C.

COVERAGE

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

SAFETY PRECAUTIONS

During application of **Dampfix PU**, 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 MSDS.

SHELF LIFE

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

LIMITATIONS

- Do not use as an exposed finish or top coat exterior membrane
- Do not apply if temperature is below 5°C
- Do not use as a vapour barrier
- Excessive water under the membrane will create bubbling.

PHYSICAL PROPERTIES	
Appearance:	Thick grey paste
SG:	1.23 g/cm ³
Mixing ratio:	No mixing required
Re-inforcement:	Not required

MECHANICAL PROPERTIES	
As per AS/NZS 4858:2004	
Tensile strength:	2.14 Mpa
Elongation at break:	470%
Cyclic movement: 50 cycles	Complies
Moisture vapour transmission rate ASTM E96 Dessicant Method:	7.678 grams/m ² /24 hour
Water Absorption AS 3558.1:	0.64%
Class 3	High extensability

TECHNICAL SERVICES TOLL FREE NUMBER
1800 813 890 Australia
0508 222 272 New Zealand (land lines only)
 or visit www.asaltd.com.au
 a member of the Bostik group of companies



GUARANTEE

ASA guarantees this product for 10 years provided application is in accordance with manufacturer's directions and the Australian Standards for Waterproofing. 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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