

Technical Data Sheet

DAMPFIX 2



architectural +
structural
adhesives

DESCRIPTION

Dampfix 2 is an acrylic, fibre reinforced waterproofing membrane used for waterproofing shower recesses, bathrooms, laundries, roofs and decks. **Dampfix 2** is part of a system.

FEATURES & BENEFITS

- Non-toxic
- Low odour
- Fibre reinforced
- Water based
- Easy to apply
- Internal and external applications

RECOMMENDED FOR

- Concrete
- Cement render
- Brickwork
- Fibrous cement sheeting
- Water resistant plasterboard
- Timber
- Particleboard
- Plywood



APPLICATION INSTRUCTIONS

SURFACE PREPARATION

Surfaces 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. Timber and particleboard flooring must be sanded. Fibrous cement sheeting and water resistant plasterboard must be fixed in accordance to the manufacturer's directions. Allow concrete to cure for 28 days and cement render to cure for 7 days prior to the application of **Dampfix 2**. Porous surfaces must be primed with **ASA Multiprime** prior to the application of **Dampfix 2**.

ASA Multiprime is a synthetic latex based liquid which can be used for priming a variety of substrates prior to the use of **ASA** water-based waterproofing membranes. **ASA Multiprime** eliminates dust and reduces porosity of plasterboard, fibrous cement sheeting, porous concrete and timber floors.

ASA Multiprime should be applied onto the correctly prepared surface using a brush, roller or sponge. Allow to dry for at least 30 minutes prior to the application of **Dampfix 2**. **ASA Multiprime** is available in 20 litre, 5 litre and 1 litre plastic jerry cans.

ASA Multiprime is white in colour when applied, and dries clear.

PVC pipes must be primed with **Bostik N40 Primer**. Dense concrete and metal surfaces must be primed with **ASA Multiprime - 2 Part**.

ASA Multiprime - 2 Part is a two part epoxy primer specifically developed for use on non-porous substrates such as dense, smooth concrete, existing tiles and **ASA** approved polyurethane membranes. **ASA Multiprime - 2 Part** provides a good bond coat prior to the application of **ASA** approved tile adhesives, **ASA** self levelling compounds and **ASA** approved waterproofing membranes. **ASA Multiprime - 2 Part** is a uniform blue liquid. **ASA Multiprime - 2 Part** is available in 20 litre, 8 litre and 4 litre kits.

Apply **ASA Neutral Cure Silicone** to all wall/wall joints, wall/floor joints, hob/wall and hob/floor joints. All sheet joints and fixings must also be filled with **ASA Neutral Cure Silicone**, before applying a coat of **Dampfix 2** over all sheet joints extending 100mm either side of the joint.

APPLICATION

The application of **Dampfix 2** must comply with AS3740 2004 "Waterproofing of Internal Wet Areas in Residential Buildings". **Dampfix 2** should be applied using a brush or roller. It is advisable to wear protective gloves when applying **Dampfix 2**.

NOTE: a minimum thickness of 1mm dried **Dampfix 2** is required for optimum waterproofing properties. The surface onto which the **Dampfix 2** is applied must be continuous. **Dampfix 2** cannot span gaps. **Dampfix 2** must be applied at 1 litre per m² per coat. Two coats are required. Allow membrane to cure for a minimum of 24 hours between coats.

Shower Recesses

Apply **Dampfix 2** to the internal vertical corners of the shower using a brush. Ensure the corner is well coated. This must extend past the height of the shower rose. It is important to coat around tap protrusions in the wall. The wall/floor joint must be coated with **Dampfix 2**. The coat must extend onto the floor at least 100mm and onto the wall 100mm. Where the height of the hob is greater than 75mm, the **Dampfix 2** must extend at least 25mm above the height of the hob. The walls should then be coated. Once the wall/wall junctions, wall/floor junctions, tap protrusions and walls are coated, then the shower floor must be coated. When coating the floor, the **Dampfix 2** must be dressed down into the waste at least 50mm. The floor must be coated with the **Dampfix 2** ensuring a minimum thickness of 1mm. Allow to dry for at least 24 hours (a longer time is needed in cold or humid conditions). Apply a final coat to ensure no imperfections are present in the membrane. Allow 24 hours to fully cure.

Floors of Wet Areas and Decks

Apply **Dampfix 2** to wall/floor junctions and sheet flooring joints and fixings using a brush, extending at least 100mm either side of the joint. Once these areas are dry, the entire floor area can be coated. Sufficient **Dampfix 2** must be applied onto the surface to achieve a 1mm thick dried film. Allow to dry for a period of 24 hours (longer in cool and humid conditions). Apply a final coat to ensure no imperfections are present in the membrane. Allow 24 hours to fully cure.

Roofs

Dampfix 2 is recommended as a waterproofing membrane for non-trafficable areas. Application is recommended as for "Floors of Wet Areas and Decks".

CLEAN UP

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

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PACKAGING

20 litre, 10 litre and 4 litre plastic pails.

COVERAGE

Approximately 2 litres per m² at 1mm thick dried film.

RECOMMENDATIONS TILE ADHESIVE

Wall Applications - ASA Asaflex, ASA Megafix (internal use only) or ASA Conflex

Floor Applications - ASA Asaflex, ASA Conflex, or ASA Fixall mixed with undiluted ASA Megalastic. Timber - ASA Asaflex

SAFETY PRECAUTIONS

During application of **Dampfix 2**, avoid contact with skin and eyes. Wear eye protection and gloves. Use in a well ventilated area. If contact with skin occurs, flush eyes with copious quantities of clean water for at least 15 minutes and contact a physician. 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

- **Dampfix 2** is not a vapour barrier nor is it designed to stop a hydrostatic head of water pressure (for this application, **ASA Dampfix Moisture Seal** vapour barrier is recommended).
- **Dampfix 2** should not be installed on wet, contaminated, or friable substrates.
- **Dampfix 2** should not be applied if raining or if rain is imminent.
- **Dampfix 2** should not be applied to surfaces with protective coatings without prior consultation with **ASA**.
- Rate of cure will be inhibited when air or substrate temperatures are below 5°C, or if applied over a vapour barrier.
- **Dampfix 2** should not be applied over the recommended coverage of 1 litre per square metre and 1mm wet film thickness in one application.
- **Dampfix 2** requires atmospheric conditions to cure. It should not be used in totally confined or air free spaces.
- To eliminate possible surface contamination or damage, it is recommended that tiling, mortar bed application or finished flooring be carried out as soon as possible after full cure of membrane application.
- **Dampfix 2** must not be used as a wearing surface for foot or vehicle traffic.
- Any intended application of **Dampfix 2** outside of intended use should be referred to ASA technical services for approval.
- Do not apply where the surface temperature is below 10°C or greater than 35°C.

PHYSICAL PROPERTIES	
Appearance:	Thick white paste
Mixed SG:	1.28 g/cm ³
Mixing ratio:	No mixing required
pH:	8-9
Re-inforcement:	Not required

MECHANICAL PROPERTIES (re-inforced)	
As per AS/NZS 4858:2004	
Tensile strength:	1.22 Mpa
Elongation at break:	258%
Cyclic movement: 50 cycles	Complies
Moisture vapour transmission rate ASTM E96 desiccant method :	1.724 grams / m ² / 24 hours
Water absorption – AS 3558.1:	6.03%
Class 2	Medium extensibility

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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