

Technical Data Sheet

DAMPFIX GOLD



architectural +
structural
adhesives

DESCRIPTION

Dampfix Gold is an elastomeric one part fibre-reinforced water-based polyurethane membrane used for waterproofing shower recesses, bathrooms, laundries and roofs.

FEATURES & BENEFITS

- Fibre-reinforced
- Fast drying
- Pre-mixed
- Water-based
- Suitable for internal and external applications

RECOMMENDED FOR

- Concrete
- Cement render
- Brickwork
- Fibrous cement sheeting
- Water resistant plasterboard
- Marine ply and Level 3 treated ply



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. Fibrous cement sheeting and water resistant plasterboard, marine ply and level 3 treated ply must be fixed in accordance to the manufacturer's directions. Allow concrete to cure for 28 days and cement render/screed to cure for 7 days prior to the application of **Dampfix Gold**. Use **ASA Dampfix Moisture Seal** to prime damp or moist substrates. Porous surfaces must be primed with **ASA Multiprime** prior to the application of **Dampfix Gold**.

POROUS SUBSTRATES

ASA Multiprime is a synthetic latex based liquid which can be used for priming a variety of porous substrates prior to the use of **ASA** water-based waterproofing membranes. **ASA Multiprime** increases adhesion and 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 Gold**. **ASA Multiprime** is available in 20 litre, 5 litre and 1 litre plastic jerry cans. **ASA Multiprime** is red in colour.

PVC pipes must be primed with **Bostik N40 Primer**.

NON-POROUS SUBSTRATES

Dense/smooth concrete, metal surfaces and non porous substrates must be primed with **ASA Epoxy Prime 2 Part**.

ASA Epoxy Prime 2 Part is specifically developed for use on non-porous substrates such as dense, smooth concrete, existing tiles and **ASA** approved polyurethane membranes. **ASA Epoxy Prime 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 Epoxy Prime 2 Part** is a uniform blue liquid. **ASA Epoxy Prime 2 Part** is available in 20 litre, 8 litre and 4 litre kits.

Apply **ASA Neutral Cure Silicone** as a bond breaker to the wall/wall joints, the wall/floor joints, sheet joints and fixings and wherever there is a change in the direction or substrate. All sheet joints and fixings must also be filled with **ASA Neutral Cure Silicone** before applying a coat of **Dampfix Gold** over all sheet joints extending 100mm either side of the joint.

Static Crack Treatment - For cracks less than 1mm, clean thoroughly then fill joints with **ASA (Neutral Cure) Flexible Coloured Silicone**. **Dampfix Gold** cannot span gaps. For dynamic cracks/expansion joints and control joints refer to the technical department for assistance.

APPLICATION INSTRUCTIONS - INTERNAL WET AREAS

Dampfix Gold should be applied using a brush or roller.

NOTE: A minimum thickness of 1mm dried **Dampfix Gold** is required for optimum waterproofing properties. The surface onto which **Dampfix Gold** is applied must be continuous. **Dampfix Gold** cannot span gaps. A minimum of two coats of **Dampfix Gold** is required for optimum waterproofing properties.

In accordance with AS 3740 - 2004 "Waterproofing of internal Wet areas in Residential Buildings" requires the installation of a waterproofing membrane in all wet areas of residential buildings including:

- Floors and horizontal surfaces
- Internal corner angles with a minimum width of 40mm on each side to a height of 1800mm above the floor level
- Penetrations
- Walls to a height of 150mm above the wall/floor junction or 25mm above the retained water level, whichever is the greatest in height.

Shower Recesses

Apply **Dampfix Gold** 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 Gold**. The coat must extend onto the floor at least 100mm and onto the wall 100mm. **Dampfix Gold** 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 Gold** must be dressed down into the floor waste at least 50mm. The floor must be coated with the **Dampfix Gold** ensuring a minimum thickness of 1mm. Apply a final coat to ensure no imperfections are present in the membrane.

Walls of Wet Areas (excluding joints)

Dampfix Gold should be applied at 1/2 litre per per m² per coat where no re-inforcing is required. A minimum dried film thickness must not be less than 1/2mm.

Floors of Wet Areas

Apply **Dampfix Gold** 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 Gold** must be applied onto the surface to achieve a 1mm dried film thickness. **Dampfix Gold** must be applied at 1 litre per per m² per coat. Two coats are required.

Roofs

Dampfix Gold is recommended as a waterproofing membrane for non-trafficable areas. Application is recommended as for "Floors of Wet Areas". There must be sufficient falls for effective drainage to eliminate ponding.

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DRYING

Allow 4 - 6 hours in between coats. Allow 48 hours to dry prior to tiling. Allow longer in adverse weather conditions.

CLEAN UP

Clean tools and equipment with warm water and detergent while the membrane is still wet. Once the product is dry use Xylene for residue and high build ups can be removed with a scraper.

PACKAGING

15 litre plastic pails.

COVERAGE

Floors - 2 litres per m² at 1mm dried film thickness.
Walls - 1 litre per m² at 1/2mm dried film thickness.

RECOMMENDATIONS TILE ADHESIVE

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

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

SAFETY PRECAUTIONS

During application of **Dampfix Gold**, 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.

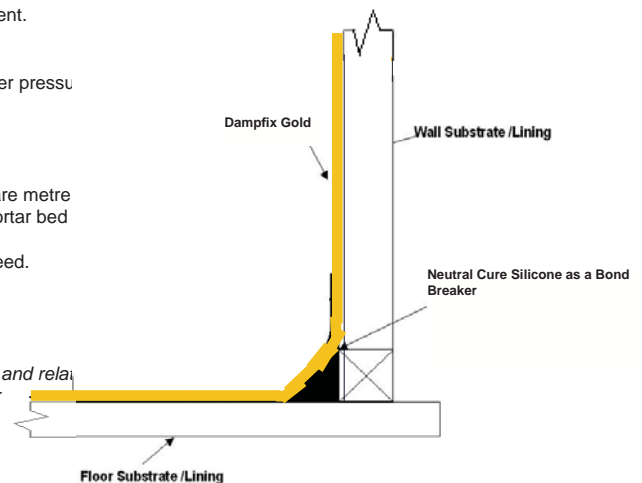
SHELF LIFE

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

LIMITATIONS

- **Dampfix Gold** is not a vapour barrier nor is it designed to stop a hydrostatic head of water pressure (**Dampfix Moisture Seal** vapour barrier is recommended).
- **Dampfix Gold** should not be installed on damp, wet, contaminated,
- **Dampfix Gold** should not be applied if raining or if rain is imminent.
- **Dampfix Gold** should not be applied to surfaces with protective coatings.
- **Dampfix Gold** should not be applied over the recommended coverage of 1 litre per square metre
- To eliminate possible surface contamination or damage, it is recommended that tiling, mortar bed soon as possible after membrane application.
- Timber and particleboard flooring must be overlaid with fibrous cement sheeting or a screed.
- **Dampfix Gold** must not be used as a wearing surface for foot or vehicle traffic.
- **Dampfix Gold** should only be used as recommended.
- Do not apply where the surface temperature is below 10°C or greater than 35°C.

DISCLAIMER: It is the users responsibility to check and read the latest updated Data Sheet and related documents. Users should also check and perform their own tests when assessing the suitability of a product for use under certain conditions.



PHYSICAL PROPERTIES	
Appearance:	Thick paste/tinted
Mixed SG:	1.26 g/cm ³
Mixing ratio:	No mixing required
pH:	8-9
Re-inforcement:	Not required/included in product

MECHANICAL PROPERTIES (re-inforced) As per AS/NZS 4858:2004	
Tensile strength:	0.8 - 1.1 Mpa
Elongation at break:	> 900%
Moisture vapour transmission rate ASTM E96 desiccant method :	0.42 grams / m ² / 24 hours
Water absorption – AS 3558.1:	3.00%
Class 3	High extensibility

TECHNICAL SERVICES TOLL FREE NUMBER
1800 813 890 Australia
0508 222 272 New Zealand (land lines only)
or visit www.asaltd.com.au
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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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