



DAMPFIX PS

PEEL N STICK SHEET MEMBRANE

TECHNICAL DATA SHEET

BENEFITS

- No drying time
- Tile immediately
- May be tiled directly using approved Bostik tile adhesives
- No mixing required
- Excellent adhesion to concrete; rendered masonry; wet area plasterboard; FC sheet & plywood
- Flood Test immediately
- Good decoupling properties
- BRANZ appraised
- Solvent free. No adhesive required

PRODUCT DESCRIPTION

Bostik DAMPFIX PS PEEL N STICK SHEET MEMBRANE is a Class 2 sealing membrane coated with butyl rubber adhesive complying with AS/NZ 4858.

The one-sided non-woven layer allows good adhesion with common tile adhesives or sealants. It is not recommended as a membrane system in immersed applications (such as pools or spas). Suitable for indoor application for medium loads of non-pressurized water (e.g. domestic bathrooms).

Overlaying tiling systems must comply with Guide to the Installation of Ceramic Tiles - AS3958.1

APPLICATIONS

- As a waterproofing membrane to internal wet area shower, bathroom, kitchen, laundry & toilet areas
- All applications to be covered by tile or other natural stones
- Suitable for concrete; cement rendered masonry; FC sheeting; water resistant plasterboard; and structural plywood (Type A Stamped "PAA JAS-ANZ" to AS/NZS2269-2004) substrates

TECHNICAL DATA

Properties	DIN	Value
Colour		White membrane Grey coating
Membrane rating		Class 2
Total thickness		0.95 mm (without release liner)
Moisture vapour transmission rate	ASTM E96 Desiccant method	0.5 g/m ² / 24 hours
Peel test on neutral PVC carrier	Internal	> 10 N / 20 mm
Breaking load longitudinal	DIN EN ISO 527-3	58.6 N / 15 mm
Breaking load lateral	DIN EN ISO 527-3	32.2 N / 15 mm
Extension break longitudinal	DIN EN ISO 527-3	107.6 %

Extension break lateral	DIN EN ISO 527-3	316.1 %
Burst pressure: max	Internal	2.3 Bar
Crack bridge test		Max. 10 mm
Dampfix PS Sheet Membrane		
Width		1000 mm
Length		10 meters
Code		30620352
Accessories		
		Code
Dampfix PS Foil Tape 30 meters Length		30623635
Dampfix PS Internal Corner		30620320
Dampfix PS External Corner		30620319
Dampfix PS Foil Pipe Collar		30623641
Dampfix PS Foil Floor Collar		30623640

INSTALLATION

1. Surface preparation

- Installation shall be taken as acceptance of the substrate suitability and preparation by the applicator
- Check that the surface of all substrates to be waterproofed are: structurally sound, clean, dry, smooth and free of voids & protrusions, free from oils, grease, curing compounds, coatings, adhesive residues and are uncontaminated by preceding trade activities
- Check that all composite substrates, such as wall & floor sheets are fully supported and installed to the manufacturer's instructions
- New concrete and render must have cured for a minimum 28 days
- Sand & cement screeds and polymer modified renders must have cured for a minimum 7 days
- Substrates that are not smooth or free of voids and protrusions must be ground and vacuumed clean
- All remaining voids must be repaired using suitable repair mortars, making sure to follow instructions for preparation, application and curing time
- All joints must be sealed with a suitable sealant prior to commencing
- **Bostik Multiprime** must be applied as a primer coat on all applications to porous substrates, e.g. concrete, screeds, renders. Refer **Bostik Multiprime** Technical Data Sheet
- Non-Porous substrates may not require priming. Test area might be required
- Membrane should not be applied until all preparation steps have been completed
- **Bostik PEEL N STICK SHEET MEMBRANE** is not recommended for use in swimming pools, ponds or spas

2. Dampfix PS Internal and External Corners

- Begin with placing the internal and external corners
- Remove the release paper from the surface facing the wall. Place the corner on the floor slightly away from the corner and slide it in. Press the surface using a blunt plastic spatula ensuring no bubbles or voids are left behind
- Then remove the release paper from the corner facing the floor and repeat the process
- Press the entire surface using a pressure roller

3. Dampfix PS Foil Tape

a) Preparation of wall to wall and wall to floor junctions

- Cut to size and place the jointing tape on wall to wall junctions to overlap 50 mm over the edge of the corners
- Slowly remove the release paper on one side to place the tape
- Slowly remove the release paper on the second side
- Press the entire surface firmly using a pressure roller
- For the wall to floor junction, cut to size and place the tape to overlap 50 mm over the edge of the corner
- Slowly remove the release paper facing the floor first and gently push the tape into place on the floor
- Then remove the second half of the release paper facing the wall and gently push the tape into place on the wall
- Press the entire surface firmly using a pressure roller

b) Preparation of wall and floor for laying sheet membrane

- Starting with wall, measure and mark 1000 mm intervals across the wall to determine the centre positioning of the tape
- Cut the tape to size and starting from the top, centre the tape on the marked interval on the wall
- Slowly remove the release paper on one side to place the tape firmly on the wall
- Slowly remove the release paper on the other side and place the tape firmly on the wall
- For the floor measure and mark 1000 mm intervals across the wall to determine the centre positioning of the tape
- Cut the tape to size and centre the tape on the marked interval on the floor
- Slowly remove the release paper on one side to place the tape firmly on the floor
- Slowly remove the release paper on the other side and place the tape firmly on the floor

4. Dampfix PS Sheet membrane

- Starting from the top apply the sheet membrane on the wall from the top by positioning it, gradually removing the release paper and pressing it firmly to overlap up to the centre of the tape on the wall and finally overlapping the wall to floor jointing tape terminating at the bottom

- Apply the next sheet by butting the sheets or leaving a gap of no more than 2 mm. If greater than 2 mm, **Bostik S N F Façade** or **Bostik V 60** sealant is required
- Repeat the process for the floor
- Apply the **Bostik S N F Façade** or **Bostik V 60** sealant to any gaps of the membrane and wall to floor junctions if greater than 2 mm
- When laying the membranes and accessories, make sure that the assembly is crease-free, bubble-free and that there is an overlapping area of approx. 5 cm

Concrete & masonry substrates*

- Static cracks up to 4mm in width, i.e. cracks that do not move or continue to propagate, must be filled with suitable repair mortars after substrate priming and prior to the **Bostik PEEL N STICK SHEET MEMBRANE** installation
- Cracks greater than 2mm that are subject to movement or propagation must be referred to the builder or engineer for structural assessment and method of rectification to perform as an expansion joint
- Expansion joints must be a minimum 6mm in width and require a backer rod installed prior to the installation of a suitable sealant
- All floor and wall sheets must be installed to sheet manufacturer's specification and primed with **Bostik Multiprime** if porous
- Internal or external sheet floor systems, suitable for wet area applications, require sealant application to seal sheet joints at the time of installation to comply with manufacturer's instructions. The membrane applicator must confirm that the sealant used is compatible with all **Bostik PEEL N STICK SHEET MEMBRANE** system components
- If polyurethane sealants are used into floor sheet joint installation, allow for a minimum of 7 days to cure prior to the application of the membrane
- Do not leave the primer longer than 4 hours before applying sealant/membrane
- Re-prime if 4 hours has elapsed without applying sealant/membrane
- Clean & re-prime if the primed surface is contaminated with excavation soil, water, condensation, dust or other contaminants before sealant or membrane can be applied
- NB: For pre-treated surfaces, contact Bostik Technical Services for advice

Important Notes

- The instruction steps as detailed in this Technical Data Sheet may not be applicable in every application. They are provided as a guide
- Inspect the membrane to identify imperfections or damages during the installation
- If damaged, the areas must be covered by the membrane, extending by a minimum of 75 mm on all sides of the damaged area edges
- The edges must be sealed by using **Bostik S N F Façade** or **Bostik V 60** sealant 20 mm wide, 10 mm each side from the centre of the joint

- The complete installation of the **Dampfix PS system** must be carried out by professional, licensed applicators holding a current Certificate from Bostik
- Bostik Technical Division must approve any modification or variances to this technical data sheet in writing
- Wherever appropriate, the application must comply with AS 3740 'Waterproofing of Internal Wet Areas in residential buildings'
- All vertical terminations, including perimeter walls, hobs and penetrations etc. must be of adequate height to satisfy AS 3740 for internal applications
- Use only Bostik's recommended sealants. Use of other sealants will significantly increase the risk of failure
- Any intended application of membrane outside of recommended installation should be referred to Bostik Technical Services
- Contact Bostik prior to work commencing if there is any uncertainty regarding suitability, installation or any other matters related to the system

Note on Suitable Sealants

Suitable sealants for substrate preparation include:

- **Bostik Neutral Cure Silicone**
- **Bostik V 60**
- **Bostik Seal N Flex Façade**

Installation is vital to overall membrane performance. Using an unsuitable sealant can increase the risk of failure and must be avoided. Contact Bostik Smart Help for advice if unsure or if considering products not listed above.

LIMITATIONS / PRECAUTIONS

- Not suitable for external applications
- Must not be installed directly on wet, contaminated, or friable substrates
- The Dampfix PS System is not suitable for applications where a hydrostatic head of pressure is present. Please contact Bostik Technical Services for advice in such situations
- The release liner can best be removed at temperatures not exceeding 28°C
- Membrane should not be used as an exposed finish
- Hobs constructed of autoclaved aerated blocks, e.g. Hebel, must be saturated with 2 coats of **Bostik Multiprime** to consolidate and seal the substrate
- Autoclaved aerated block walls and Lightweight concrete must be rendered prior to the application of the membrane system
- Should not be used in constantly submerged applications such as swimming pools, ponds & spas
- Not designed to withstand negative side substrate head of pressure

This datasheet is for the general help of users. It is provided in good faith. The data is current and accurate to the best of our knowledge. Differing materials, substrates, environments, site conditions, and product storage, handling and application may affect results. Users should carry out tests to decide the product's suitability for purpose. This data sheet and the properties of the product may change without notice. Users, suppliers and retailers should check that the data sheets they have are the latest. To the maximum extent permitted by law, Bostik disclaims all warranties in relation to manufacture and use of the product. Bostik is not liable for representations made by users, suppliers or retailers about the product. Bostik is not liable for any loss or damage resulting from incorrect, careless, or negligent use or storage of the product, including use of out of date product. Any liability arising from use of the product is limited to the replacement or purchase price of the product. Bostik does not exclude rights and remedies that be excluded by legislation, for example under the Consumer Guarantees Act 1993. Sale of the product by Bostik is subject to the Bostik New Zealand Limited Conditions and Terms of Sale. For more information on Bostik, products, and conditions of use and sale visit www.bostik.co.nz.

SHELF LIFE

Shelf life is up to 12 months from production date, stored in a dry place away from sunlight.

HEALTH & SAFETY

Product Safety Data Sheet must be read and understood before use. These are available on request and via the websites.

For emergency information contact the National Poisons Information Centre, phone 0800 764 766 (0800 POISON) or CHEMCALL, phone 0800 243 622.

STUCK? ASK BOSTIK

Online Smart Help
bostik.co.nz

Smart Help
0508 222 777

