

Adesoguard Peel & Stick Self Adhesive Membranes

Product Technical Statement: 109197

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Prefabricated self-adhesive bituminous membrane for below ground.

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Level of assurance needed to demonstrate NZ Building Code Compliance

Supporting documentation should include technical information by manufacturer and either a BRANZ or independent Appraisal or CodeMark



Adesoguard confirms that this minimum level of assurance has been met or exceeded by the following:

BRANZ Appraisal

[804](#)

Technical Statement

Product Description

Adesoguard Membrane is a self adhesive , SBS modified bituminous membrane reinforced with glass fibre and an outer face of cross laminated high density polyethylene for use as a below ground DPM or tanking membrane. It is supplied in a 1.8mm thick x 1.0mtr wide x 15 mtrs long.

Scope of use

Adesoguard 1.8mm is a prefabricated self adhesive bituminous membrane used for waterproofing block walls , footings and planter boxes.

On buildings subject to non - specific design under floor slabs complying with NZS 3604 and behind concrete masonry basement walls and under floor slabs complying with NZS 4229.

New Zealand Building Code (NZBC)

The product will, if employed in accordance with the supplier's installation and maintenance requirements, assist with meeting the following provisions of the building code:

- **Clause B2 Durability:** Performance B2.3.1(a)
- **Clause E2 External moisture:** Performance E2.3.3
- **Clause F2 Hazardous building materials:** Performance F2.3.1

Supporting Evidence

The product has and can make available the following additional evidence to support the above statements:



BRANZ Appraisal

[804](#)

Use in Service History

In service in NZ - 2012

Product Criteria

Design requirements

Design must be in accordance with NZBC 3101 for concrete and NZS 4229 or 4230 for concrete masonry. The substrate must have a smooth surface finish , clean and free of defects.

Adesoguard must be laid on a minimum of 75mm thickness of site concrete for under slab design. The structural concrete slab placed must be a minimum of 100mm thick.

Adesoguard must be protected against damage by the placement of granular fill. The back fill material must be free draining with an impervious clay fill with topsoil if required.

Drainage must comply with NZBC - 100mm diameter drainage punched pipe with openings to collect water , geotextile filter fabric , placed minimum 200mm below floor level - with falls of 1:200 to drainage outlet.

Adesoguard must be finished with a Mapei 90mm flashing to MBP (NZ) Ltd technical guidelines.

Installation requirements

Installation of the membranes must be completed by MBP (NZ) Ltd approved applicators.

All surfaces must be checked for suitability - making sure they are:

Clean & dry , smooth and free of sharp edges , loose or foreign materials - oil grease or other materials that may affect adhesion or damage the membrane.

All substrates must be primed before membrane application. Application instructions for the primers are contained in the technical data sheets . Workmanship is the sole responsibility of the MBP (NZ) Ltd applicator.



masterspec partner

Company Contact Details



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Maintenance requirements

Annual inspections must be made to the membranes top edge / flashing and protection.

If required, the drainage system must be cleared to remove any sediment or silt buildup. The fall or slope of the back fill capping must be maintained at all times.

Warrantees

15 years Durability for the Adesoguard 1.8mm.

20 Years Durability for the Adesoguard 1.8mm using in addition with the complete Polyfond KIT drain system by MBP (NZ) Ltd as per BRANZ appraisal 804.

Company Product Information

Quality Assurance



ISO 9001 (Quality Management)

Relationships



Member of New Zealand Green Building Council



Date last validated: **06 July 2020**



Date last updated: **06 July 2020**

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