

# Adesoguard Peel & Stick Self Adhesive Membranes

Product Technical Statement: 109197



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 is a prefabricated self-adhesive bituminous membrane modified with high quality polymers, produced using ADESO® technology, it presents a cross-laminated high density polyethylene film (HDPE) specifically designed for applications on foundations, to be used as a sealing element in vertical and horizontal waterproofings.

Cold flexibility: -25°C

### 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 Mapei NZ Ltd approved applicators.

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



masterspec partner

### Company Contact Details



Company: Mapei Products (MBP (NZ) Ltd)

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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.

## 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 Mapei NZ Ltd as per BRANZ appraisal 804.

## Company Product Information

### Quality Assurance



ISO 9001 (Quality Management)



Date last validated: **04 August 2023**



Date last updated: **04 August 2023**

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