

ARDEX WPM 3000X - Self-Adhesive, Modified Bituminous Tanking Membrane

Product Technical Statement: 102761



Self-sealing, Peel and stick bituminous/asphalt tanking membrane.

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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



ARDEX confirms that this minimum level of assurance has been met or exceeded by the following:
BRANZ Appraisal
[462 \(2021\)](#)

Technical Statement

Product Description

Ardex WPM 3000X is a “peel and stick” bituminous/asphalt damp proof membrane protected by a cross laminated high-density polyethylene film. Ardex WPM 3000X is made from two structural components Bitumen/asphalt compound modified with SBS and high tack resins. This special compound has been formulated to make the product easy to install. The membrane can be adjusted should it initially be placed in the wrong position, as the adhesive on the sheet achieves final adhesion only after a few minutes

Scope of use

ARDEX WPM 3000X waterproofing membrane can be used over various substrates including:

- concretes, renders, screeds
- fibre cement sheets
- structural or marine plywood
- polystyrene blocks

Typical applications of ARDEX WPM 3000X include, but are not limited to, planter boxes, foundations, below-ground applications and retaining walls.

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

Evidence

The product meets the requirements set out in the following documents, or relevant parts of cited standards within the documents:

BRANZ Appraisal 462 (2010)

Supporting Evidence

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



BRANZ Appraisal
[462 \(2021\)](#)

Product Criteria

Design requirements

ARDEX WPM 3000X (Shelterseal 3000X) waterproofing membrane can be used over various substrates including:

- concretes, renders, screeds
- fibre cement sheets
- structural or marine plywood
- polystyrene blocks

Typical applications of ARDEX WPM 3000X include, but are not limited to, planter boxes, foundations, below-ground applications and retaining walls.

Installation requirements



masterspec partner

Company Contact Details



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Surfaces to which the ARDEX WPM 3000X (Shelterseal 3000X) systems are installed must be properly prepared prior to installation. All surfaces must be clean, dry, smooth, free of sharp edges, loose or foreign materials, oil, grease, and other materials that may damage the membrane. If concrete has moisture on surface use gas torch to dry and warm before priming.

Prior to the application of the membrane all prepared surfaces (except polystyrene blocks) should be primed with ARDEX WPM 240 (shelter Primer) at a rate of 5-6m² per litre and allowed to dry.

Maintenance requirements

Starting at the lowest point, the membrane must be installed in accordance with the [Technical Literature](#).

Sheet edges must be overlapped a minimum of 60mm as marked on the sheets. End laps must be a minimum of 100mm, with upper sheets lapped over lower sheets. Internal and external corners of single layer systems must be reinforced with an extra layer of membrane 300mm wide. Where two layer systems are specified lap joints must be staggered. Protection material must be installed before backfilling. Backfilling must commence immediately after the membrane is installed to ensure the membrane is not left exposed to sunlight or UV radiation.

Installation of the membranes must be completed by tradespersons who have experience in the application of self-adhesive membranes.

Company Product Information

Quality Assurance



ISO 9001 (Quality Management)

Relationships



New Zealand Made



Member of New Zealand Green Building Council



Date last validated: **15 August 2022**



Date last updated: **15 August 2022**

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