

ARDEX WPM 189 - Shelterbit Duo Combined SBS/APP Bitumen Membrane

Product Technical Statement: 100951



Combined APP & SBS modified bitumen membrane for flat and sloped roofs.

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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:

CodeMark

BRANZ Appraisal
[463 \(2022\)](#)

Technical Statement

Product Description

Shelterbit range of waterproofing incorporates bituminous sheet membranes for a wide variety of roofing and tanking.

Scope of use

Ardex WPM 189 (Shelterbit Duo Mineral Membrane) is used as a multi-layer membrane in horizontal or vertical applications for waterproofing balconies, terraces and roofs. Ardex WPM 189 (Shelterbit Duo Mineral Membrane) is the final layer in the system

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, B2.3.1(b)
- **Clause E2 External moisture:** Performance E2.3.1, E2.3.2
- **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:

- E2/AS1 External moisture
- BRANZ Appraisal 463

Supporting Evidence

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



CodeMark



BRANZ Appraisal
[463 \(2022\)](#)

Product Criteria

Installation requirements

The application of Ardex WPM 189 Shelterbit Duo should be carried out by an approved Applicator. Installation shall be strictly in accordance with the manufacturer's recommendations. Acceptable substrates to which Ardex Shelterbit is to be installed must be properly prepared prior to membrane installation. All surfaces must be dry, clean, smooth, and free of sharp edges, loose or foreign materials, oil, grease and other materials which may damage the membrane. Prior to the application of Ardex Shelterbit base substrate surfaces should be primed with Ardex Shelterbit Coverage of primer will depend on the porosity of the substrate. Ardex Shelterbit is normally fully bonded to the prepared substrate with side laps of 100mm and end laps of 150mm. Overlaps shall be sealed by torch

Maintenance requirements

Building maintenance is important. Annual cleaning of the surface and visual inspections are recommended.

Warrantees

ARDEX Shelterbit membranes carry a 20 year warranty.



masterspec partner

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Company Product Information

Quality Assurance



ISO 9001 (Quality Management)

Relationships



Member of New Zealand Green Building Council



Date last validated: **22 September 2022**



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