

ARDEX WPM 002 - High-Strength, Two-Part, Acrylic Liquid Waterproofing Membrane

Product Technical Statement: 100433



A rapid-drying, two-part, liquid waterproofing membrane specially designed for use under tiles

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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

[472 \(2022\)](#), [473 \(2022\)](#)

Technical Statement

Product Description

ARDEX WPM 002 (Superflex Bathroom & Balcony 2 Part) is a tough, fast drying two component waterproofing membrane specifically designed for use under tiles. The product has been uniquely formulated with synthetic microfibres to increase its strength and eliminate the need for a separate reinforcement mat.

ARDEX WPM002 is based on the most advanced acrylic polymer technology, and is totally resistant to re-emulsification. ARDEX WPM 002 is flexible, safe to use, low in odour, and is fully compatible with polymer modified tile adhesives. ARDEX WPM 002 is one of the fastest drying acrylic membranes on the market – normally ready to tile in 16-24 hours @ 23°C.

Scope of use

ARDEX WPM 002 is suitable for both residential and commercial applications for internal wet areas, balconies, decks, and other areas that will be otherwise protected from regular foot traffic.

ARDEX WPM 002 can be applied upon concrete, renders and screeds, fibre cement, plasterboard, plywood and particleboard substrates, and used for permanent immersion applications.

For further details regarding varying applications of ARDEX WPM 002, please refer to the WPM 002 Datasheet on www.ardex.co.nz, or contact the ARDEX Technical Support Team on 0800 227 339.

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(b)
- **Clause E3 Internal moisture:** Performance E3.3.6
- **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

[472 \(2022\)](#), [473 \(2022\)](#)

Product Criteria

Design requirements

ARDEX WPM 002 is designed to be used to create a waterproof membrane upon a wall and/or floor to prevent damage to building areas and adjoining areas.

ARDEX WPM 002 is designed to be used where a quicker curing time is required.

ARDEX WPM 002 is designed to be protected from physical damage by the application of ceramic or stone tile finishes.

Installation requirements

For preparation and application details on specific substrates, please refer to the [WPM 002 Datasheet](#), or contact [ARDEX Technical Services](#) on 0800 227 339.

ARDEX WPM 002 is required to be installed by [ARDEX Approved Applicators](#).

Maintenance requirements



masterspec partner

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No maintenance of the membrane will be required provided substrate movement does not occur and the tile finish is still intact. Regular checks of the tiled area must be made to ensure they are sound and will not allow moisture to penetrate. Any cracks or damage must be repaired immediately by repairing the tiles, grouts and sealants.

In the event of damage to the membranes, the tiling must be removed and the membrane repaired by removing the damaged portion and applying as for new work.

Drainage outlets must be maintained to operate effectively, and ceramic or stone tile finishes must be kept clean.

Company Product Information

Environmental

ARDEX WPM 002 meets the Green Building Council of Australia Green Star IEQ-13 requirements for Architectural Sealant when tested in accordance with SCAQMD Method 304-91 Determination of Volatile Organic Compounds (VOC) in Various Materials as referenced by South Coast Air Quality Management Division (SCAQMD) Rule 1168.

Quality Assurance



ISO 9001 (Quality Management)

Relationships



New Zealand Made



Member of New Zealand Green Building Council



Date last validated: **15 August 2022**



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