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# ARDEX WPM 712

## PRODUCT TECHNICAL STATEMENT



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### PRODUCT DESCRIPTION

ARDEX WPM 712 WeldTec exposed membrane. A weldable multi-ply single layer synthetic membrane available in grey and black with a nominal gauge of 1.2mm.

Accessories for use with ARDEX WPM 712:

- ARDEX WA 98 Adhesive
- ARDEX WPM 290 Solvent
- ARDEX Flashing Tape
- WPM 710 DT Detail Tape

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### SCOPE OF USE

As waterproofing membrane for roofs and decks within the following scope:

Site conditions:

- All exposure zones excluding microclimates (para 4.2, NZS3604:2011), and
- Up to 6.0kPa ULS pressure differential.

Buildings that meet the following:

- For new buildings that comply with the structural requirements of the New Zealand Building Code, taking into account all applied loads specific to the building.
- In existing buildings where the designer and installer have assured themselves that the existing building is suitable for intended building work
- Where the substrate is as follows: plywood, concrete, ARDEX Polyiso board, or strandsarking.
- Green roofs or roofs where loose laid ballast has been applied
- Decks and roofs may be of any slope or size provided that the designer has assured themselves that the structure and substrate have been designed to allow for all applied loads and that water will shed to avoid the risk of ponding.

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### MANUFACTURED BY

ARDEX WPM 712 is manufactured in Christchurch by ARDEX New Zealand Limited.

32 Lane Street, Woolston, Christchurch - 0800 227 339 - [specification@ardexnz.com](mailto:specification@ardexnz.com)

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## DATE OF ISSUE

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28 February 2019

## COMPLIES WITH THE NEW ZEALAND BUILDING CODE

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If specified, installed and maintained in accordance with the conditions of this Product Technical Statement, the ARDEX WPM 712 WeldTec Membrane System will comply with or contribute to compliance with:

- B1(Structure): B1.3.1, B1.3.2, taking into account B1.3.3 (a, b, c, e, f, j, q)
- B2 Durability: B2.3.1(b), B2.3.2(a)
- E2 External Moisture: E2.3.1, E2.3.2
- F2 Hazardous Building Materials: F2.3.1
- G12 Potable Water: G12.3.2(c)

## LIMITATIONS

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- Must be installed to the ARDEX technical literature.
- Must be installed by an ARDEX approved installer.
- Not suitable for trafficable decks.
- Test welds must be completed at start of work.

## TEST CERTIFICATES INDEPENDENT FROM ACCREDITED LABORATORIES

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### **BRANZ**

Test Report DC 3004-005 WPM 712 B

Test Report DC 3004-007 WPM 712 G

All tests applicable to AS 4654.1 including:

- ASTM D6207 Dimensional stability
- AS/NZS 4858 Heat Ageing
- CSIRO Moving joint test-Cyclic Movement
- AS 4654.1 Table A4 Temperature resistance, tensile strength and durability

## UNIQUE FEATURES

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- Heat weldable seams
  - Custom lengths available
  - No cross seams in gutters
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## MAINTENANCE

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In accordance with ARDEX General Care and Maintenance Guide.

## WARRANTIES AVAILABLE

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20 YEARS ARDEX system warranty

- Installed by an approved ARDEX installer

EXTENDED ARDEX system warranty including workmanship\*

- Installed by an approved ARDEX installer

\*Terms and conditions apply. Contact ARDEX specification managers for more information.

ARDEX system warranties are subject to onsite ARDEX quality assurance procedures and project registration.

## PRODUCT DATASHEET

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[ARDEX WPM 712](#)

The technical details, recommendations and other information contained in this product technical statement are given in good faith and represent the best of our knowledge and experience at the time of printing. It is your responsibility to ensure that our products are used and handled correctly and in accordance with any applicable New Zealand & Australian Standards, our instructions and recommendations and only for the uses they are intended. We also reserve the right to update information without prior notice to you to reflect our ongoing research and development program. Country specific recommendations, depending on local standards, codes of practice, building regulations or industry guidelines, may effect specific installation recommendations. The supply of our products and services is also subject to certain terms, warranties and exclusions, which may have already been disclosed to you in prior dealings or are otherwise available to you on request. You should make yourself familiar with them.

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### Toll Free Technical Services:

**1800 224 070 (Australia)**

**0800 227 339 (New Zealand)**

