



## ARDEX Building Product Information Sheet: WPM 002 Undertile Liquid System

Product name:	ARDEX WPM 002
Product line (the product line from which the product is customised)	Undertile Liquid Waterproofing
Product description and its intended use (measurements, materials, usage)	<p>Products forming the Undertile liquid waterproofing system covered by this BPIR are:</p> <p>ARDEX WPM 002 is a fast drying, two-part, flexible, cementitious-based, liquid-applied membrane containing micro-fibres. It is supplied as ARDEX WPM 002 Part A Liquid in 20 kg pails and ARDEX WPM 002 Part B Powder in 10 kg multi-wall bags. When dry, the membrane is light grey in colour.</p> <p>ARDEX Multiprime ARDEX Deckweb</p> <p>ARDEX ST tape ARDEX ST silicone ARDEX WPM 300</p>
Product identifier (if applicable):	8000082 - ARDEX WPM 002 40kg kit 10595 – WPM002 Part A 20kg pail/liquid 10597 – WPM002 Part B 20kg 10155 – Multiprime 20L 10156 – Multiprime 4L 10293 – Deckweb 50m x 190mm roll 16870 – STB tape 15m x 75mm roll 19216 – STA tape 40cm x 240cm 8000021 - WPM 300 Grey 20L kit 10209 – WPM 300 Part B 10L pail 10206 – WPM 300 Grey Part A 10L pail 10207 – WPM 300 Grey 4L kit 10434 – WPM 300 Mojo Black Part A 10L pail
Place of manufacture:	Australia
Legal and trading name of the manufacturer(s):	ARDEX Australia
Legal and trading name of the importer	ARDEX New Zealand Ltd
Address for service:	15 Alfred Street, Onehunga Auckland New Zealand 1061
Website:	<a href="http://ardex.co.nz">ardex.co.nz</a>



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Relevant Building Code clauses:	<p>Clause B2 DURABILITY: Performance B2.3.1 (B), 15 years and B2.3.2</p> <p>Clause E2 EXTERNAL MOISTURE: Performance E2.3.1 and E2.3.2</p> <p>Clause E3 INTERNAL MOISTURE: Performance E3.3.6</p> <p>Clause F2 HAZARDOUS BUILDING MATERIALS: Performance F2.3.1</p>
Statement on how the building product is expected to contribute to compliance:	<p>ARDEX Liquid Undertile waterproofing systems are manufactured to conform to the specifications given by the NZBC acceptable solution E3/AS1 and E3/AS2.</p> <p>ARDEX Liquid applied membranes are tested to comply with AS/NZS 4858.</p> <p>ARDEX liquid undertile waterproofing systems will prevent the penetration of water, and will therefore meet code compliance with NZBC E2 and E3 ...</p> <p>ARDEX liquid undertile waterproofing systems are BRANZ appraised in order to demonstrate compliance with the relevant provisions of the NZBC.</p>
Limitations on the use of the building product:	<p>Do not use the product in the following situations:</p> <p>On timber framed substrates externally..</p> <p>Areas subject to negative hydrostatic pressure or rising damp, unless treated with ARDEX WPM 300.</p> <p>Where the substrate is wet – wet surfaces can be sealed with one coat of ARDEX WPM 300 at a coverage rate of 3.0 square metres per litre and allowed to cure overnight.</p> <p>Where rain is imminent.</p> <ul style="list-style-type: none"> <li>• Where the membrane will be left exposed and subjected to regular foot traffic.</li> <li>• On glazed, glass or other totally impervious surfaces (eg. areas pre-treated with water repellants).</li> <li>• Where the surface temperature is below 10°C or greater than 35°C.</li> <li>• All floor areas must have adequate falls either built into the substrate or achieved with a sand/cement screed prior to application of the undertile liquid membrane</li> </ul>



Design requirements that would support the use of the building product:	Any wet area or external concrete balcony where a membrane is being applied prior to a tiling installation. Substrates as listed in the technical datasheet. WPM 002 can be used under vinyl with a fairing coat- Contact ARDEX for more information.
Installation requirements:	Installation must be in accordance with the Technical Datasheet, BRANZ appraisals 472 (Internal) and/or 473 (External) and detailed in accordance with ARDEX published detail drawings.  Installers must have completed an ARDEX training course and be in date. Restricted work must be carried out by, or under the supervision of, a Licenced Building Practitioner (LBP) with appropriate licence class.
Maintenance requirements:	No maintenance of the membrane is normally required provided significant substrate movement does not occur.  In the event of damage to the membrane, the membrane must be repaired by removing the damaged portion and applying a patch as for new work  Drainage outlets must be maintained to operate effectively
Is the building product/building product line subject to warning or ban under section 26?:	No
ARDEX BPIS WPM 002 Undertile Liquid System v1.10.10.23	