



ARDEX Building Product Information Sheet: Undertile Liquid System (NZ Made)

Product name:	ARDEX Undertile Liquid System
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 001 is a one-part, polymer-based, ready-to-use, liquid-applied membrane containing micro-fibres, supplied as a light blue thixotropic paste in 20 kg (approximately 15 L) pails.</p> <p>ARDEX WPM 155 Rapid is a one-part, water-based polyurethane acrylic, ready-to-use, liquid applied, rapid setting membrane. It is supplied as a blue colour in 4 and 15 L pails.</p> <p>ARDEX STB Tape is an uncured butyl tape with a fleece layer that is used in the ARDEX WPM 155 Rapid under tile waterproofing system.</p> <p>ARDEX Multiprime is a water-based primer used to seal substrates and enhance the adhesion of the membranes. It is supplied in 4 and 20 L plastic containers.</p>
Product identifier (if applicable):	40903 - ARDEX WPM 001 20KG 40938 - ARDEX WPM 155 Rapid, 20kg 41064 – ARDEX WPM 155 Rapid, 5.3kg 16870 - ARDEX STB Tape 19216 - ARDEX STA Tape 10155 - ARDEX Multiprime 20L 10156 – ARDEX Multiprime 4L
Place of manufacture:	New Zealand
Legal and trading name of the manufacturer(s):	ARDEX New Zealand
Legal and trading name of the importer	ARDEX New Zealand Ltd
Address for service:	15 Alfred Street, Onehunga Auckland New Zealand 1061
Website:	ardex.co.nz
Email address	info@ardexnz.com
Phone No	0800 227 339



NZBN	9429037589653
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"> • Where the membrane will be left exposed and subjected to regular foot traffic. • On glazed, glass or other totally impervious surfaces (eg. areas pre-treated with water repellents). • Where the surface temperature is below 10°C or greater than 35°C. • 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
Design requirements that would support the use	<p>Any wet area or external concrete balcony where a membrane is being applied prior to a tiling installation.</p> <p>Substrates as listed in the technical datasheet.</p>



of the building product:	WPM 155 can be used under vinyl with a fairing coat- Contact ARDEX for more information.
Installation requirements:	<p>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.</p> <p>Installers must have completed an ARDEX training course and be in date.</p> <p>Restricted work must be carried out by, or under the supervision of, a Licenced Building Practitioner.</p>
Maintenance requirements:	<p>No maintenance of the membrane is normally required provided significant substrate movement does not occur.</p> <p>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</p> <p>Drainage outlets must be maintained to operate effectively</p>
Is the building product/building product line subject to warning or ban under section 26?:	No
	ARDEX BPIRS Undertile Liquid System (NZ Made) v2.10.10.23