



ARDEX Building Product Information Sheet: WPM 1000 External WeldTec Undertile Membrane System

Product name:	ARDEX WPM 1000																								
Product line (the product line from which the product is customised)	ARDEX WPM 1000 External Membrane System																								
Product description and its intended use (measurements, materials, usage)	<p>ARDEX WPM 1000 Exterior Membrane is a fully bonded, synthetic rubber, weldable sheet waterproofing membrane for use under directly adhered or uncoupled ceramic or stone tile finishes on external decks and balconies.</p> <p>System Consists of:</p> <p>ARDEX WPM 1000 WeldTec Membrane. A weldable multi-ply single layer synthetic membrane 1.2mm thick.</p> <p>ARDEX WA98 Adhesive</p> <p>ARDEX WA98 Solvent</p> <p>ARDEX Flashing Tape</p> <p>Inside Outside Corners</p>																								
Product identifier (if applicable):	<p><i>Use product database file SAP code and description (update with BPIS name)</i></p> <table border="0"> <tr> <td>16475</td> <td>ARDEX WPM 1000</td> <td>28m²</td> </tr> <tr> <td>10870</td> <td>ARDEX WA 98 A#</td> <td>4L</td> </tr> <tr> <td>24190</td> <td>ARDEX WA 98 A#</td> <td>20L</td> </tr> <tr> <td>10874</td> <td>ARDEX WA 98 S#</td> <td>4L</td> </tr> <tr> <td>13050</td> <td>ARDEX WA 98 S#</td> <td>20L</td> </tr> <tr> <td>19216</td> <td>ARDEX STA Tape</td> <td>40 x 240cm</td> </tr> <tr> <td>16870</td> <td>ARDEX STB Tape</td> <td>15m x 75mm</td> </tr> <tr> <td>19883</td> <td>WeldTec Undertile Corners</td> <td>10 Pack</td> </tr> </table>	16475	ARDEX WPM 1000	28m ²	10870	ARDEX WA 98 A#	4L	24190	ARDEX WA 98 A#	20L	10874	ARDEX WA 98 S#	4L	13050	ARDEX WA 98 S#	20L	19216	ARDEX STA Tape	40 x 240cm	16870	ARDEX STB Tape	15m x 75mm	19883	WeldTec Undertile Corners	10 Pack
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Place of manufacture:	Aotearoa New Zealand																								
Legal and trading name of the manufacturer(s):	ARDEX New Zealand Ltd																								
Legal and trading name of the importer																									
Address for service:	15 Alfred Street, Onehunga Auckland New Zealand 1061																								



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Relevant Building Code clauses:	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
Statement on how the building product is expected to contribute to compliance:	<p>B2 Durability: B2.3.1(b), ARDEX WPM 1000 has been tested and assessed to have a life expectancy of no less than 15 years as an undertile membrane. B2.3.2(a) ARDEX WPM 1000 has the same or greater durability than those of materials i.e. tiles applied over it.</p> <p>E2 External Moisture: E2.3.1, E2.3.2 Roofs and decks must be designed and constructed to shed precipitated moisture. They must also take account of snowfalls in snow prone areas. A means of meeting code compliance with NZBC Clause E2.3.1 for buildings within the scope of NZBC Acceptable Solution E2/AS1 is given by the Technical Literature which matches details in NZBC Acceptable Solution E2/AS1.</p> <p>WPM 1000 Membrane System will prevent the penetration of water, and will therefore meet code compliance with NZBC Clause E2.3.2. The membranes are impervious to water and will give a weathertight roof or deck.</p> <p>WPM 1000 Membrane System is BRANZ appraised in order to demonstrate compliance with the relevant provisions of the NZBC.</p> <p>F2 Hazardous Building Materials: F2.3.1 WPM 1000 Membrane system once installed will not emit and give off any dangerous fumes.</p>
Limitations on the use of the building product:	<p>The minimum fall to roofs is 1 in 30, plywood decks 1 in 40, suspended concrete slab 1 in 60 and gutters 1 in 100, in accordance with NZBC Acceptable Solution E2/AS1, Paragraph 8.5.1.</p> <p>Roof and deck falls must be built into the substrate and not created with mortar screeds applied over the membranes.</p> <p>Allowance for deflection and settlement of the substrate must be made in the design of the roof or deck to ensure falls are maintained and no ponding of water can occur.</p> <p>Drainage flanges must be used for any outlet and must be fitted with a grate or cage to reduce potential sources of blockages. An overflow must be</p>



	<p>provided where the deck or balcony does not drain to an external gutter or spouting.</p> <p>Penetrations and upstands of the membrane must be raised above the level of any possible flooding caused by blockage of deck and balcony drainage.</p> <p>The design of details not covered by the Technical Literature is subject to specific weathertightness design.</p> <p>Must not be used with LOSP treated timber.</p> <p>Products must not be installed at temperatures less than 6 degrees or if inclement weather is expected.</p> <p>Edges shall be sealed off at the end of days work and all laps completed as job progresses.</p>
Design requirements that would support the use of the building product:	Waterproofing membrane for use under directly adhered or uncoupled ceramic or stone tile finishes on external decks and balconies.
Installation requirements:	Must be installed by a trained installer.
Maintenance requirements:	No maintenance is required on the proviso significant building movement does not occur. Drainage systems must be maintained, with regular checking for blockages.
Is the building product/building product line subject to warning or ban under section 26?:	No
	ARDEX BPIS: WPM 1000 External WeldTec Undertile Membrane System v1 24/11/2023