



ARDEX Building Product Information Sheet: Shelterseal Systems

Product name:	ARDEX Shelterseal systems
Product line (the product line from which the product is customised)	Damp-proofing membrane systems
Product description and its intended use (measurements, materials, usage)	<p>Products forming the ARDEX WPM 3000X and 5000HD systems covered by this BPIRS are:</p> <p>Shelterseal Membranes</p> <p>Shelterseal 3000X - a membrane manufactured from a bituminous asphalt compound modified with SBS (styrene-butadiene-styrene) rubber and high tack resins. The self-adhesive inner face is protected by a release paper with the outer surface protected by high-density polyethylene film. The membrane is 1.5 mm thick, and supplied in rolls 1 m wide by 20 m long.</p> <p>Shelterseal 5000HD - a membrane manufactured from a bituminous asphalt compound modified with SBS rubber and high tack resins. The self-adhesive inner face is protected by a release paper with the outer surface protected by a layer of polypropylene mesh. Shelterseal 5000HD is designed for use where a more robust system is required. The membrane is 1.5 mm thick, and supplied in rolls 1 m wide by 20 m long. The roll weight is approximately 30 kg.</p> <p>ARDEX DRS 10GC - a dimpled HDPE sheet with a geotextile layer that provides drainage and protection against back filling. It is supplied in rolls 10 mm thick by 2 m wide and 20 m long.</p> <p>Primers</p> <p>WPM 240 - a solvent-based, bitumen-modified primer. It is supplied in 5 or 20 L containers and is coloured black.</p> <p>WPM 247 Primer - a water-based, bitumen emulsion primer. It is supplied in 5 or 20 L containers and is coloured black.</p> <p>WA 98 Contact Adhesive/Primer - a contact adhesive that can be used as a primer in difficult drying conditions. It can be spray-applied. It is supplied in 4 or 20 L containers and is coloured red or clear.</p> <p>Bituminous Sealant - a black bituminous sealant supplied in 300 ml cartridges.</p>
Product identifier (if applicable):	<p>10543 – WPM 3000 X</p> <p>10544 – WPM 5000 HD</p> <p>32142 – DRS 10 GC</p> <p>11171 – WPM 247</p>



	13052 – WA98 adhesive 20L (red) 24188 – WA98 adhesive 20L (clear) 10870 – WA98 adhesive 4L 30146 – WPM1955 Hydrostop SEA 20mm x 10mm x 8m
Place of manufacture:	Overseas
Legal and trading name of the manufacturer(s):	ISOLTEMA Group
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:	Clause B2 DURABILITY: Performance B2.3.1 (A) not less than 50 years Clause E2 EXTERNAL MOISTURE: Performance E2.3.3 Clause F2 HAZARDOUS BUILDING MATERIALS: Performance F2.3.1
Statement on how the building product is expected to contribute to compliance:	ARDEX SHELTERSEAL systems have been BRANZ appraised as damp-proof membranes for use under floor slabs complying with NZS 3604 and as damp-proof membrane behind concrete masonry basement walls and under floor slabs complying with NZS 4229. And as damp-proof membranes on buildings subject to specific design.
Limitations on the use of the building product:	Refer technical datasheet Do not use in hydrostatic situations. Drainage behind wall is required.
Design requirements that would support the use of the building product:	for basement retaining walls and floors. They are applied under floor slabs and foundations, and to the exterior face of basement retaining walls to prevent water vapour penetrating to the interior face in spaces where moisture may cause damage
Installation requirements:	Products must be installed by ARDEX NZ approved applicators and in according with the relevant technical datasheets and BRANZ appraisal instructions.



Maintenance requirements:	No maintenance of the membrane is normally required provided significant substrate movement does not occur.
Is the building product/building product line subject to warning or ban under section 26?:	No
	ARDEX BPIS Shelterseal Systems v1 9/10/23