



ARDEX Building Product Information Sheet: Butynol and Butyseal System

Product name:	ARDEX Butynol and Butyseal Roofing Membrane Systems
Product line (the product line from which the product is customised)	Waterproofing
Product description and its intended use (measurements, materials, usage)	<p>Products forming the Butynol system covered by this BPIS are:</p> <p>ARDEX Butynol[®] is used as a single layer membrane in horizontal or vertical applications for waterproofing decks, roofs and gutters. It is primarily applied to the outside of a sub-structure of a building to prevent water ingress. Other places where ARDEX Butynol[®] can be used include under floor slabs, behind masonry walls, the lining of substrates of in situ or precast concrete; retaining walls, lift shafts, tunnels, living/warm roofs, reservoirs and planter boxes. Available in 1mm, 1.2mm and 1.5mm. ARDEX Butyseal is a fleece lined version of the above.</p> <p>ARDEX WA98 Adhesive- Solvent based Contact adhesive for bonding Butynol to a variety of substrates ARDEX WA98 Solvent- Solvent used for the clean-up of WA98 adhesive ARDEX Release Tape- Release tape for joints in sheet substrates and change in background supporting substrates. ARDEX WPM 299 Seam Primer- Solvent based primer used prior to the application of ARDEX Seam Tape ARDEX Seam Tape- An uncured Butyl Tape used for lap bonding.</p> <p>ARDEX Flashing Tape- A malleable tape for moulding in gussets, pipe flashings and awkward situations</p> <p>ARDEX Detail Tape A malleable exterior tape for flashing exterior corners</p>
Product identifier (if applicable):	<p>ARDEX Butynol and Butyseal</p> <p>13268 Butynol Black 1.4mx1.0mm 1st gr any leng 13273 Butynol Black 1.4mx1.5mm 1st gr any leng 11180 Butynol Black 12m-14m x1.4m x 1.0mm sqm 10763 Butynol Black 17.86m x 0.1m x 1.0mm roll 10765 Butynol Black 17.86m x 0.2m x 1.0mm roll 10769 Butynol Black 17.86m x 0.5m x 1.0mm roll 10770 Butynol Black 17.86m x 0.7m x 1.0mm roll 10771 Butynol Black 17.86m x 0.8m x 1.0mm roll 11150 Butynol Black 17.86m x 0.9m x 1.0mm roll 11148 Butynol Black 17.86m x 1.0m x 1.0mm roll 10772 Butynol Black 17.86m x 1.1m x 1.0mm roll</p>



10773	Butynol Black 17.86m x 1.2m x 1.0mm roll
13267	Butynol Black 17.86m x 1.4m x 1.0mm roll
13272	Butynol Black 17.86m x 1.4m x 1.5mm roll
10764	Butynol Black 17.86m x0.25m x 1.0mm roll
10762	Butynol Black 17.86mx0.15m roll
10766	Butynol Black 17.86mx0.35mx1.0mm roll
26085	Butynol Black 17.86mx1.4mx1.0mm 2 piece
13271	Butynol Black 17.86mx1.4mx1.0mm c/rolls
25164	Butynol Black 17.86mx1.4mx1.5mm 2 piece
11178	Butynol Black 5m-7m x1.4m x 1.0mm sqm
11179	Butynol Black 8m-11m x1.4m x 1.0mm sqm
13287	Butynol Dark Grey 17.86mx1.4mx1.5mm roll
10779	Butynol Dark Grey 17.86mx1.4mx1.5mm roll
13296	Butynol Dk Green 1.4mx1.5mm 1.gr any len
13288	Butynol Dk Grey 1.4m x1.5mm 1.gr any len
13278	Butynol Dv Grey 1.4m x 1.2mm 1.gr any le
13283	Butynol Dv Grey 1.4m x1.5mm 1.gr any len
13277	Butynol Dv Grey 17.86m x1.4m x1.2mm roll
13282	Butynol Dv Grey 17.86m x1.4m x1.5mm roll
13304	Butynol Grey/Black 8.57mx1.4mx2.25mm roll
10788	Butynol Green 17.86m x 1.4m x 1.5mm roll
11187	Butynol Grey 12m-14m x 1.4m x 1.5mm sqm
10790	Butynol Grey 17.86m x 1.4m x 1.2mm roll
11182	Butynol Grey 5m-7m x 1.4m x 1.2mm sqm
11185	Butynol Grey 5m-7m x 1.4m x 1.5mm sqm
11183	Butynol Grey 8m-11m x 1.4m x 1.2mm sqm
11186	Butynol Grey 8m-11m x 1.4m x 1.5mm sqm
13293	Butynol Lt Green 1.4mx1.5mm a.gr any len
10799	Butynol Lt Green 17.86mx1.4mx1.5mm roll
10798	Butynol Lt.Blue 17.86mx1.4mx1.5mm roll
22922	Butyseal 1500 Black 17.86mx1.4mx1.5mmroll
22924	Butyseal 1500 Black 1st grade any length
19806	Butyseal 1500 Grey 1st grade any length
19833	Butyseal 1500 Grey17.86mx1.4mx1.5mm roll
10268	Butynol spray Dove Grey 300g 12tb/ctn
10811	Butynol Slates Grey 25/ctn
10812	Butynol substrate tape 100m x .24mm
10813	Butynol T/cota 17.86m x 1.4m x 1.5mm
13299	Butynol T/cotta 1.4mx1.5mm 1.gr any len
10286	Cured Cover Tape 30.4m x 150mm rl 2/ctn
ARDEX WA98 Adhesive	
10867	WA98 Adhesive 0.25L pail
10868	WA98 Adhesive 0.5L pail
10869	WA98 Adhesive 1.0L pail
13052	WA98 Adhesive 20L pail
24188	WA98 Adhesive 20L pail (Clear)



	<p>24190 WA98 Adhesive 20L pail (Export Only) 10870 WA98 Adhesive 4.0L pail</p> <p>ARDEX WA98 Solvent 10871 WA98 Solvent 0.25L pail 10872 WA98 Solvent 0.5L pail 10873 WA98 Solvent 1.0L pail 13050 WA98 Solvent 20L pail 10874 WA98 Solvent 4.0L pail</p> <p>ARDEX Release Tape 12611 Substrate joint tape 50m x 25mm 36/carton</p> <p>ARDEX WPM 299 10205 WPM299 4L pail</p> <p>ARDEX Seam Tape 10539 Butynol Seam Tape 30.4m x 50mm roll</p> <p>ARDEX Flashing Tape 10397 Flashing Tape 4.7m x 100mm roll 11052 WPM623 Flashing Grey 15.25mx0.61m roll</p> <p>ARDEX Detail Tape 37303 WPM710 Black Detail Tape 200mmx20m 32443 WPM710 Black Detail Tape 300mmx20m 32461 WPM710 Black Detail Tape Patch 150mm dia 32545 WPM710 Grey Detail Tape 100mmx20m 37304 WPM710 Grey Detail Tape 200mmx20m 32444 WPM710 Grey Detail Tape 300mmx20m 32462 WPM710 Grey Detail Tape Patch 150mm dia 10584 Uncured Detail Tape 30.4m x 150mm roll</p>
Place of manufacture:	Aotearoa New Zealand
Legal and trading name of the manufacturer(s):	ARDEX New Zealand
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: Clause B2 DURABILITY: Performance B2.3.1 (B), 15 years. CLAUSE E2 EXTERNAL MOISTURE Performance E2.3.1, E2.3.2



	<p>Clause F2 HAZARDOUS BUILDING MATERIALS: Performance F2.3.1.</p>
<p>Statement on how the building product is expected to contribute to compliance:</p>	<p>Butynol and Butyseal are manufactured from Butyl Rubber and conform to the specifications given by the NZBC Acceptable Solution E2/AS1</p> <p>Butynol and Butyseal Roofing Membranes have been manufactured in NZ since 1969 and have a in service history well exceeding the requirements of NZBC B2- 15 Years</p> <p>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>Butynol® and Butyseal Roofing Membrane Systems 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>Butynol and Butyseal Roofing Membrane Systems are BRANZ appraised in order to demonstrate compliance with the relevant provisions of the NZBC.</p>
<p>Limitations on the use of the building product:</p>	<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 with no cross seams allowed in the gutter, 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 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:	<p>ARDEX Butynol[®] and Butyseal is primarily designed to be used as a waterproofing membrane on Roofs, Decks and Gutters other areas it can be used include under floor slabs, behind masonry walls, the lining of substrates of in situ or precast concrete; retaining walls, lift shafts, tunnels, living/warm roofs, reservoirs and planter boxes.</p>
Installation requirements:	<p>Installation must be in accordance with the Technical Datasheet, BRANZ Appraisal 436 and detailed in accordance with ARDEX's published detail drawings.</p> <p>Restricted Building Work must be carried out by a Licenced building practitioner- Roofing 4. Installer must have current installers card issued by ARDEX.</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 BPIS Butynol and Butyseal System v1 July 2023