

Certification Body:



SAI Global Certification
Services Pty Limited

(ACN 108 716 669)
Trading as "SAI Global"

JAS-ANZ Accreditation
No. Z1440295AS

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Website:
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Certificate Holder:

ARDEX New Zealand Ltd



www.ardexaustralia.com

SAI Global Certification Services



Heather Mahon
Global Head of Technical Services
SAI Global Assurance



Quintin Kleyn – Unrestricted Building Certifier

Certificate number: CM20130

THIS TO CERTIFY THAT

ARDEX Butynol®

Type and/or use of product:

ARDEX Butynol® is a single layer membrane to prevent water ingress. Primarily applied to the outside of a sub-structure of a building for waterproofing decks, roofs, and box gutters.

Description of product:

ARDEX Butynol® is a flexible synthetic rubber membrane supplied in rolls of 1.4m width and 17.86m long. Available in a range of thickness and colour: 1.0mm (black), 1.5mm (black), 2.25mm (black), 1.2mm (dove grey), and 1.5mm (various colours).

COMPLIES WITH THE FOLLOWING BCA PROVISIONS AND STATE OR TERRITORY VARIATION(S)

BCA 2016 Amdt. 1

	Volume One		Volume Two	
Performance Requirement(s)	FP1.4	DAMP AND WEATHERPROOFING Penetration of Water	P2.2.2	DAMP AND WEATHERPROOFING Weatherproofing
Deemed-to-Satisfy Provision(s):	N/A	N/A	N/A	N/A
State or territory variation(s):	N/A	N/A	N/A	N/A

Date of issue: 20/03/2020

Date of expiry: 20/03/2023



Certificate of Conformity

SUBJECT TO THE FOLLOWING LIMITATIONS AND CONDITIONS AND THE PRODUCT TECHNICAL DATA IN APPENDIX A AND EVALUATION STATEMENTS IN APPENDIX B

Limitations and conditions:

1. Must be installed by ARDEX approved installers, in accordance with the manufacturer's instructions & all relevant installation requirements listed in section A5 & A6 of the certificate.
2. LOSP treated plywood must NOT be used as a substrate.
3. The membrane sub-structure must be designed to dispose of stormwater flows and to ensure no ponding of water can occur.
4. Downpipes must not discharge directly onto the roofs or decks.

Building classification/s:

Volume 1 – Class 2 to Class 9 buildings

Volume 2 – Class 1 & Class 10a buildings

Scope of certification: The CodeMark Scheme is a building product certification scheme. The rules of the Scheme are available at the ABCB website www.abcb.gov.au. This Certificate of Conformity is to confirm that the relevant requirements of the Building Code of Australia (BCA) as claimed against have been met. The responsibility for the product performance and its fitness for the intended use remain with the certificate holder. The certification is not transferrable to a manufacturer not listed on Appendix A of this certificate.

Disclaimer: The Scheme Owner, Scheme Administrator and Scheme Accreditation Body do not make any representations, warranties or guarantees, and accept no legal liability whatsoever arising from or connected to, the accuracy, reliability, currency or completeness of any material contained within this certificate; and the Scheme Owner, Scheme Administrator and Scheme Accreditation Body disclaim to the extent permitted by law, all liability (including negligence) for claims of losses, expenses, damages and costs arising as a result of the use of the product(s) referred to in this certificate.

APPENDIX A – PRODUCT TECHNICAL DATA

A1 Type and intended use of product

Refer to Page 1 of this certificate.

A2 Description of product

Refer to Page 1 of this certificate.

A3 Product specification

Product specification and components are contained in the manufacturer's technical literature – refer to section A5 & A6 of this certificate.

The components consist of:

- Butynol® butyl rubber roofing membrane
- Ardex WA98 Adhesive
- ARDEX WPM 290 Solvent (Ardex WA 98 Solvent)
- Ardex Seam Tape
- Ardex WPM 299
- Ardex Detail Tape
- Ardex CA20P sealant

A4 Manufacturer and manufacturing plant(s)

ARDEX New Zealand Limited 32 Lane Street Woolston, Christchurch, New Zealand.

A5 Installation requirements

Refer to Page 2 of this certificate and the following;

1. Ardex Technical Datasheet – ARDEX Butynol® Installation Instructions (May 2018)
2. Ardex Technical Datasheet – ARDEX Butynol® Butyl Rubber Roofing Membrane (August 2019)
3. Ardex Technical Datasheet – ARDEX WA 98 A Solvent-Based Contact Adhesive (September 2018)
4. Ardex Technical Datasheet – ARDEX WPM 290 Solvent for ARDEX WA 98 A (September 2018)
5. Ardex Technical Datasheet – ARDEX CA 20P Multipurpose Construction Adhesive and Sealant (July 2011)
6. Ardex Technical Datasheet – ARDEX Detail Tape Self Adhesive Butyl Detailing Tape (September 2018)
7. Ardex Technical Datasheet – ARDEX Seam Tape Adhesive Tape for General Lap Bonding (October 2018)
8. Ardex Technical Datasheet – ARDEX WPM 299 Seam Primer for Tape Application (September 2018)
9. Substrate Specifications For Membrane Applications (December 2018)
10. Ardex Drawing set AB00 – AB30 CAD construction details – Dated 13.09.2018

A6 Other relevant technical data

1. Ardex Material Safety Datasheet – Butynol® 5041-52 – Version 3.1.1.1 – Issued 18/03/2016
2. Ardex letter issued by Ronald Rose, Technical Services Manager – Dated 21/09/2018 - *History of successful use in applications with hydrostatic pressure*
3. Australian water Quality Centre Report 101214 dated April 2012 (Nata Accreditation No. 1115) - AS/NZS 4020 Testing of products for use in contact with drinking water. *The test report provides the test results for the product when tested to satisfy the requirements of the standard. The results demonstrate that the product can be used as part of a system where the water is used for human consumption.*
4. CETEC VOC Content Test Certificate (F0805-73) dated 30 May 2008 - Ardex CA 20P Multipurpose Construction Adhesive and Sealant. *The test report provides the test results for the 'Determination of Volatile Organic Compounds (VOC)' in various materials as referenced by SCAQMD rule 1168.*

APPENDIX B – EVALUATION STATEMENTS

B1 Evaluation methods

The system has been assessed as complying with the identified Performance Requirements of the BCA 2016. This involved a review of product specifications, test reports, installation manuals, and associated documentation.

1. **Damp & Weatherproofing assessment - Volume 1 - A0.5(a)/A2.2(a)(v) & Volume 2 - 1.0.5(a)/1.2.2(a)(iii)** - A report from a professional engineer or other appropriately qualified person – BRANZ.

B2 Reports

1. **BRANZ Report DC2893/1 Testing of 1.0mm black Butynol® Membrane to the requirements of AS 4654.1-2012 - Waterproofing membranes for external above-ground use Part 1: Materials (dated 8 August 2017).** *The test report provides results for the 1.0mm (black) product when tested to AS4654.1-2012. The results demonstrate the product satisfies the requirements as a waterproofing membrane for areas subjected only to pedestrian traffic.*
2. **BRANZ Report DC2893/2 Testing of 1.5mm black Butynol® Membrane to the requirements of AS 4654.1-2012 Waterproofing membranes for external above-ground use Part 1: Materials (dated 21 August 2017).** *The test report provides results for the 1.5mm (black) product when tested to AS4654.1-2012. The results demonstrate the product satisfies the requirements as a waterproofing membrane for areas subjected only to pedestrian traffic.*
3. **BRANZ Report DC2893/3 Testing of 1.5mm dove grey Butynol® Membrane to the requirements of AS 4654.1-2012 Waterproofing membranes for external above-ground use Part 1: Materials (dated 8 August 2017).** *The test report provides results for the 1.5mm (dove grey) product when tested to AS4654.1-2012. The results demonstrate the product satisfies the requirements as a waterproofing membrane for areas subjected only to pedestrian traffic.*
4. **BRANZ Appraisal 436 dated 05 December 2017 – Amendment dated 07 January 2019 - Butynol® and Butyseal Roofing Membrane Systems.** *The report provides an assessment of the durability and external moisture performance of Butynol® and Butyseal Roofing Membrane Systems and forms the opinion the system is fit for purpose and will comply with the Building Code requirements to the extent specified in this certificate subject to conditions and limitations of use.*