

## Certification Body:

  
 ABN: 80 111 217 568  
 JAS-ANZ Accreditation  
 No. Z4450210AK  
 PO Box 7144, Sippy  
 Downs Qld 4556  
 +61 (07) 5445 2199  
[www.CertMark.org](http://www.CertMark.org)

## Certificate Holder:

  
 DuPont (Australia) Pty Ltd  
 ABN: 62 637 905 036  
 15 Blackman Crescent  
 South Windsor, NSW 2756  
 Australia Ph: (02) 9923 6111  
 W: [www.dupont.com](http://www.dupont.com)

Certificate number: CM40347

## THIS IS TO CERTIFY THAT

**DuPont™ Tyvek® Pro 2508B**

### Type and/or use of product:

Sarking type material for wall underlay.

### Description of product:

The DuPont™ Tyvek® Pro 2508B is a vapour permeable microporous wall underlay (sarking) manufactured from flush-spun and calendared non-woven high-density polyethylene fibres. It is designed to allow water vapour diffusion whilst resisting liquid water penetration.

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

**BCA 2019 (Amdt. 1)**

	Volume One	Volume Two
<b>Performance Requirement(s):</b>	Not applicable	Not applicable
<b>Deemed-to-Satisfy Provision(s):</b>	C1.9(e)(vi) Non-combustible building elements C1.10(vii) Fire hazard properties F1.6 Sarking F6.2 Pliable building membrane	3.7.1.1(f) Non-combustible building elements 3.8.7.2 Pliable building membrane
<b>State or territory variation(s):</b>	Not applicable	Not applicable

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

### Limitations and conditions:

- Product must be installed in accordance with the installation manual in order to comply with AS 4200.2:2017.
- DuPont™ Tyvek® Pro 2508B is not subject to clauses F6.3 and F6.4.
- DuPont™ Tyvek® Pro 2508B is not to be used in a Fire control room when subject to Specification E1.8, or in a fire-isolated exit or fire control room used in the form of an exposed wall or ceiling.
- The use of the certified product/system is subject to these Limitations and Conditions and must be read in conjunction with the Scope of Certification below.

### Building classification/s:

Class 1,2,3,4,5,6,7,8,9 & 10

  
 Richard Donarski - CMI

  
 Don Grehan – Unrestricted Building Certifier

Date of issue: 31/03/2022

Date of expiry: 31/03/2025



# Certificate of Conformity

**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](http://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.

Only criteria as identified within this Certificate of Conformity can be used for CodeMark certification claims. Where other claims are made in a client's Installation Manual, Website or other documents that are outside the criteria on this Certificate of Conformity, such criteria cannot be used or claimed to meet the requirements of this CodeMark certification.

The NCC defines a Performance Solution as one that complies with the Performance Requirements by means other than a Deemed-to-Satisfy Solution. A Building Solution that relies on a CodeMark Certificate of Conformity that certifies a product against the Performance Requirements cannot be considered as Deemed-to-Satisfy Solution.

This Certificate of Conformity may only relate to a part of a Performance Solution. In these circumstances other evidence of suitability is needed to demonstrate that the relevant Performance Requirements have been met. The relevant provisions of the Governing Requirements in Part A of the NCC will also need to be satisfied.

This Certificate of Conformity is issued based on the evidence of compliance as detailed herein. Any deviation from the specifications contained in this Certificate of Conformity is outside of this document's scope and the installation of the certified product will not be covered by this Certificate of Conformity.

**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.

When using the CodeMark logo in relation to or on the product/system, the Certificate Holder makes a declaration of compliance with the Scope of Certification and confirms that the product is identical to the product certified herein. In issuing this Certificate of Conformity, CertMark International has relied on the experience and expertise of external bodies (laboratories and technical experts).

Nothing in this document should be construed as a warranty or guarantee by CMI, and the only applicable warranties will be those provided by the Certificate Holder.

## APPENDIX A – PRODUCT TECHNICAL DATA

### A1 Type and intended use of product

As per page 1.

### A2 Description of product

The DuPont™ Tyvek® Pro 2508B is a vapour permeable microporous wall underlay (sarking) manufactured from flush-spun and calendared non-woven high-density polyethylene fibres. It is designed to allow water vapour diffusion whilst resisting liquid water penetration.

The product is 0.38mm thick and is supplied in two roll sizes being:

- 1500mm width, length 50m and overall area of 75m<sup>2</sup>, or
- 3000mm width, length 37.5m and an overall area of 112.5m<sup>2</sup>.

### A3 Product specification

Physical Properties	Test Method	Requirement	DuPont™ Tyvek® Pro 2508B
Duty Classification	AS/NZS 4200.1	Light Wall	Light Wall
Vapour Permeance	ASTM E96-B	>0.14µg/N.s	>4.7µg/N.s
Vapour Resistance	ASTM E96-B	<7.0MN.s/g	<0.21MN.s/g
Vapour Control Classification	AS/NZS 4200	Class 1-4	Class 4 (low)
Mechanical Strength			
- Edge Tear (MD & CD)	Tappi T470	150N & 100N	225N & 207N
- Tensile (MD & CD)	AS/NZS 1301.448	-	5.1kN/m & 4.3kN/m
Resistance to dry delamination	AS/NZS 4201.1	-	Pass
Resistance to wet delamination	AS/NZS 4201.2	-	Pass
Folding Endurance (MD & CD)	AS/NZS 1301.423	2.0 & 1.7	Pass
Burst Strength	AS 2001.2.19	>200N	380N
Flammability	AS/NZS 1530.2	≤5.0	Pass
Absorbency	AS/NZS 4201.6	-	Unclassified
Heat Shrinkage	ASTM D1204	-	Pass
Air Resistance	ISO 5636/5-2003	≥0.1MN.s/m <sup>3</sup>	Pass
Weight	-	-	Nominal 125gsm
Width	-	-	1500/3000mm
Thickness	-	<1.0mm	0.38mm

Source: XSphere Evaluation DPTA-0001, DuPont Product Advisory Note – NCC 2019 Amendment 1 Compliance; Dated 22/02/2022.

# Certificate of Conformity

## Fire Hazard Properties – AS/NZS 1530.2-1993

SPREAD Factor	SPEED Factor	HEAT Factor	FLAMMABILITY INDEX
3	N/A	1	4

*Source: CSIRO Report No. FNF11573, testing in accordance with AS 1530.2-1993 dated 22/01/2016.*

## A4 Manufacturer and manufacturing plant(s)

Contact Certificate Holder for more information.

## A5 Installation requirements

Installation must be in accordance with [DuPont Tyvek Pro and Tyvek Supro Installation Guide Australia \(15022022\)](#) and AS 4200.2:2017.

## A6 Other relevant technical data

No other relevant technical data.

## APPENDIX B – EVALUATION STATEMENTS

### B1 Evaluation methods

1. Condensation and water vapour management Provisions A5.2(1)(d)&(e). Reports from a professional engineer.
2. Damp and weatherproofing Provision A5.2(1)(d)&(e). Reports from a professional engineer.
3. Fire resistance and stability Provisions A5.2(1)(d). Reports from Accredited Testing Laboratories and a professional engineer.

### B2 Reports

1. CSIRO; NATA Accreditation 165; Report No. FNF11573; Testing in accordance with AS 1530.2-1993; Dated 22/01/2016.
2. XSphere Evaluation DPTA-0001; DuPont Product Advisory Note – NCC 2019 Amendment 1 Compliance; Dated 22/02/2022.

The Certificate Holder has chosen not to make the above evidence of compliance publicly available, due to the documents being considered commercial in confidence.