Certificate of Conformity

Certification Body:

CMI CERTIFICATION
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Certificate Holder:

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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 2022**

	Volume One		Volume Two	
Performance Requirement(s):	Not applicable		Not applicable	
Deemed-to-Satisfy Provision(s):	C2D10(6)(f)	Non-combustible building elements	H3D2(1)(f)	Non-combustible building elements
	C2D11(1)(g)	Fire hazard properties	H4D9	Pliable building membrane
	F3D3	Sarking		
	F8D3(1)&(2)	Pliable building membrane		
State or territory variation(s):	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:

1. Product must be installed in accordance with the installation manual DuPont Tyvek Pro and Tyvek Supro Installation Guide Australia (Version 15-Mar-23) in order to comply with AS 4200.2:2017.
2. DuPont™ Tyvek® Pro 2508B is not to be used in a Fire Control Room when subject to Specification 19, or in a fire-isolated exit or Fire Control Room used in the form of an exposed wall or ceiling.
1. 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

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.

Glen Gugliotti – CMI

Don Grehan – Unrestricted Building Certifier

Date of issue: 31/03/2025

Date of expiry: 31/03/2028

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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, CMI Certification Pty Ltd (CMI) 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 rolls that are either 1500mm or 3000mm wide, 50m in length and an overall area of 75m^2.

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	>1.14µg/N.s	>4.50µg/N.s
Vapour Resistance	ASTM E96-B	<0.88MN.s/g	<0.22MN.s/g
Vapour Control Classification	AS/NZS 4200	Class 4	Class 4 (low)
Surface Emittance Classification	Table 2, Section 5.3.3 AS/NZS 4200.1 2017	-	IR Non-reflective
Membrane Emittance Category	Table 3, Section 5.3.3 AS/NZS 4200.1 2017	-	NN
Water Control Classification	AS/NZS 4201.4	Water barrier	Water barrier
Surface Water Absorbency	AS/NZS 4201.6	Low	Low
Resistance to Dry De-Lamination	AS/NZ 4201.1	Pass	Pass
Resistance to Wet De-Lamination	AS/NZS 4201.2	Pass	Pass
Moisture Shrinkage	AS/NZS 4201.3	<0.5%	Pass
Electrical Conductivity Classification	AS/NZS 3100	Electrically Non-conductive	Electrically Non-conductive
Folding Endurance (MD)	AS/NZS 1301.423	2.0 ($\log_{10}$100)	Pass
Folding Endurance (CD)	AS/NZS 1301.423	1.7 ($\log_{10}$50)	Pass
Mechanical Strength			
Tensile (MD/CD)	AS 1301.448	N/A	5.1kN/m & 4.3kN/m
Edge Tear (MD & CD)	Tappi T470	>45N	255N & 207N
Burst Strength	AS2001.2.19	>200 N	380N
Flammability Classification	AS/NZS 1530.2 1993	Low ≤5.0	Low ≤5.0
Air Control Classification	AS4200.1:2017 Section A6	0.1MNs/m³	Air Barrier
Weight / Width			Nominal 125gsm/1500mm or 3000mm

Source: *XSphere Evaluation DPTA-0004; DuPont Product Advisory Note – NCC 2022 Compliance; Dated 17/10/2023 & TDS Supro 20231024 – FINAL, Dated 24/10/2023.*

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)

This field is optional. Contact the Certificate Holder for details.

A5 Installation requirements

Installation must be in accordance with DuPont Tyvek Pro and Tyvek Supro Installation Guide Australia (Version 15-Mar-23) 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 A5G3(1)(e). Reports from a professional engineer.
2. Damp and Weatherproofing Provision A5G3(1)(e). Reports from a professional engineer.
3. Fire Resistance and Stability Provisions A5G3(1)(d)&(e). 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. This report supports compliance with C2D10(6)(f), C2D11(1)(g) and H3D2(1)(f).
2. XSphere Evaluation DPTA-0004; DuPont Product Advisory Note – NCC 2022 Compliance; Dated 17/10/2023. This report provides compliance with C2D10(6)(f), C2D11(1)(g), F3D3, F8D3(1)&(2), H3D2(1)(f) and H4D9.

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