



CERTIFICATE NO: CM70102

Date of issue: 26 May 2021

PRODUCT CERTIFICATE

DuPont Tyvek® Metal Roof Underlay



BUREAU VERITAS

KEY INFORMATION

1 CERTIFICATE HOLDER DETAILS

DuPont (Australia) Pty Limited
 Avaya House, Level 9
 123 Epping Road,
 Macquarie Park, Sydney, NSW 2113
 Australia

Email: Tyvek.ANZ@dupont.com
 Phone: 0800 555 799
 www.dupont.co.nz



2 PRODUCT CERTIFICATION BODY

Bureau Veritas Australia Pty Ltd
 3/435 Williamstown Road
 Port Melbourne VIC 3207
 Australia

Ph: 1800 855 190
 www.bureauveritas.com.au

Bureau Veritas Australia Pty Ltd

The complaints process for this certificate
 can be found here:
 www.bureauveritas.com.au/your-feedback

3 SUMMARY OF DESCRIPTION OF BUILDING METHOD OR PRODUCT

DuPont Tyvek® Metal Roof Underlay is a breathable 407 gsm bi-layer spun bonded high density polyethylene and non-woven polypropylene synthetic roof underlay. It is available in 25m long rolls 1500 mm wide (37.5m²).

*Continuation of description can be found in item 9. Supporting Information about Description of Building Product or Method.
 Matters that should be taken into account in the use or application of the building method or product can be found in item 6. Conditions and Limitations of Use.*

4 SUMMARY OF INTENDED USE OF BUILDING METHOD OR PRODUCT

DuPont Tyvek® Metal Roof Underlay is certified for use as a self-supporting roof underlay suitable for use in direct contact with metal roofing.

Continuation of intended use can be found in item 10. Supporting Information about Intended use of Building Product or Method.

5 BUILDING CODE PROVISIONS

The performance clauses of the New Zealand Building Code that are relevant to the intended use and with which the building method or product complies or contributes to (where used as part of a system).

B2 Durability: B2.3.1(a), B2.3.2
E2 External moisture: E2.3.2 (contributes to), E2.3.7
F2 Hazardous building materials: F2.3.1

How the building method or product complies or contributes can be found in item 12. Basis for Certification. Any qualifications on the extent of that compliance can be found in item 6. Conditions and limitations of use.



This certificate is issued by an independent certification body accredited by JAS-ANZ, the product certification accreditation body appointed by the Chief Executive of the Ministry of Business, Innovation and Employment under the Building Act 2004. The Ministry does not in any way warrant, guarantee, or represent that the building method or product that is the subject of this certificate conforms with the New Zealand Building Code, nor accept any liability arising out of the use of the building method or product. The Ministry disclaims 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 building method(s) or product(s) referred to in this certificate.

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 CERTIFICATE V1.3



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6 CONDITIONS AND LIMITATIONS OF USE

- DuPont Tyvek® Metal Roof Underlay is certified for use on roofs:
 - of timber framed and steel framed buildings within the scope limitations of NZBC Acceptable Solution E2/AS1, Paragraph 1.1 with regards to building height and floor plan area; and situated in NZS 3604:2011 wind zones up to and including 'Extra High',
 - under profiled metal cladding, metal tiles, concrete tiles, clay tiles and asphalt shingles over steel or timber framing,
 - with a pitch of 3 degrees or greater.
- DuPont Tyvek® Metal Roof Underlay shall be:
 - installed in accordance with DuPont Tyvek® Supro / Supro Plus / Pro (and Tyvek Metal) Installation Guide — New Zealand, 17 May 2021
 - separated from fireplaces, heating appliances, flues and chimneys in accordance with the requirements of NZBC Acceptable Solutions C/AS1 and C/AS2, Paragraph 7.5.9 for the protection of combustible materials, and
 - protected from sunlight within 30 days.

NOTE: Together, items 3, 4, 5 and 6 define scope of use.

7 HEALTH AND SAFETY INFORMATION

The compliance with any manufacturer's installation instructions, maintenance, OH & S statements, MSDS's and other Health and Safety declarations will provide the necessary Health and Safety Information pertaining to the product.

8 SIGNATURES

Sam Guindi
Product Certification Manager

For and on behalf of
Bureau Veritas Australia Pty Ltd

Antoni Rajwer
Technical & Commercial Leader – Australia & New Zealand

For and on behalf of
DuPont (Australia) Pty Limited



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SCHEDULE: INFORMATION THAT SUPPORTS KEY INFORMATION

9	SUPPORTING INFORMATION ABOUT DESCRIPTION
N/A	
10	SUPPORTING INFORMATION ABOUT INTENDED USE
Further details regarding the use of the product can be found in DuPont Tyvek® Supro / Supro Plus / Pro (and Tyvek Metal) Installation Guide — New Zealand, 25 May 2021.	
11	SUPPORTING INFORMATION ABOUT CONDITIONS AND LIMITATIONS OF USE
N/A	





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12 BASIS FOR CERTIFICATION

- B2 Durability - By testing and comparison with Acceptable Solution E2/AS1
- E2 External moisture - By testing and comparison with Acceptable Solution E2/AS1
- F2 Hazardous building materials - By comparison with the performance requirements of the Building Code clause F2.3.1

13 SUPPORTING DOCUMENTATION FOR CERTIFICATION

1. Acceptable Solutions and Verification Methods For New Zealand Building Code Clause E2 External moisture 3rd edition (Amendment 10), 5 November 2020
1. MSDS DuPont Tyvek Spun Polyethylene, Version 2.2, 21 April 2009
2. Declaration of Performance DOP-2510B-03 Tyvek Metal Conformance with EN13859-1:2014 and EN13859-2:2014, 14 September 2017
3. NZS 2295:2006 Pliable, permeable building underlays
4. EN 13859-1:2014 Flexible sheets for waterproofing — Definitions and characteristics of underlays Part 1: Underlays for discontinuous roofing
5. EN 13859-2:2014 Flexible sheets for waterproofing — Definitions and characteristics of underlays Part 2: Underlays for walls
6. DuPont Tyvek® Supro / Supro Plus / Pro (and Tyvek Metal) Installation Guide — New Zealand, 25 May 2021



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14 CONDITIONS RELATING TO NOTIFICATION

- (a) the certificate holder notifies the product certification body (Bureau Veritas) in writing of any intended change to any of the following particulars:
- (i) the name, address, or contact details of the certificate holder:
 - (ii) any address of a location where a certified product is produced or manufactured:
- (b) the certificate holder notifies the product certification body (Bureau Veritas) in writing of any intended change, modification, or alteration to any of the following:
- (i) the certified building method or product:
 - (ii) the method of its production or manufacture:
 - (iii) the product quality plan prepared in respect of the certified building method or product:
 - (iv) the application or installation instructions for the certified building method or product:
 - (v) any documentation relating to the use and maintenance of the certified building method or product:
- (c) if the certificate holder has any reason to suspect that the certified building method or product does not comply with the Building Code, the certificate holder notifies the product certification body (Bureau Veritas) in writing of the reason for that suspicion:
- (d) if the certificate holder or the product certification body (Bureau Veritas) finds that a certified building method or product that has been released on the market does not comply with the Building Code, the certificate holder discloses that fact in disclosure statements published in a form that is acceptable to the product certification body and to the chief executive:
- (e) if the certificate is suspended or revoked, the certificate holder—
- (i) notifies all customers to whom the building method or product is regularly supplied; and
 - (ii) immediately ceases using the certificate, the mark of conformity, and any reference to the number of the certificate.

