



CERTIFICATE NO: CM70100

Date of issue: 28 July 2021

PRODUCT CERTIFICATE

DuPont Tyvek HomeWrap®



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® HomeWrap® is a non-woven, water resistant, flammability-rated breathable 62 gsm synthetic wall underlay. It is white with red and blue printing "DuPont Tyvek HomeWrap®" and is available in 30 m long rolls 2.74m and 3.048m wide.

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® HomeWrap® is certified for use as a wall underlay.

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

C3 Fire affecting areas beyond the fire source: C3.4(c)

E2 External moisture: E2.3.2 (contributes to), E2.3.5 (contributes to), E2.3.7

F2 Hazardous building materials: F2.3.1

H1 Energy efficiency: H1.3.1(b) (contributes to)

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

PRODUCT CERTIFICATE

DuPont Tyvek HomeWrap®

6 CONDITIONS AND LIMITATIONS OF USE

1. DuPont Tyvek® HomeWrap® is certified for use:
 - a) on timber 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'
 - b) with absorbent wall claddings directly fixed to the frame; or with absorbent or non-absorbent wall claddings installed over an 18mm minimum drained cavity; or with masonry veneer in accordance with NZBC Acceptable Solution E2/AS1; and with masonry veneer in accordance with NZBC Acceptable Solution E2/AS1 for timber framed buildings or by specific design for steel framed buildings.
2. DuPont Tyvek® HomeWrap® shall be:
 - a) installed in accordance with E2/AS1, Clauses 9.1.5 and 9.1.7 and with the DuPont™ Tyvek® HomeWrap® Installation Guide – New Zealand, 7 May 2021
 - b) protected from sunlight within 90 days.
3. Contribution to compliance with Building Code clause H1.3.1(b) is conditional on horizontal and vertical laps being securely taped.

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



Phillip Betts
Australia & New Zealand Business Leader

For and on behalf of
DuPont (Australia) Pty Limited



PRODUCT CERTIFICATE

DuPont Tyvek HomeWrap®



SCHEDULE: INFORMATION THAT SUPPORTS KEY INFORMATION

9 SUPPORTING INFORMATION ABOUT DESCRIPTION

Nil

10 SUPPORTING INFORMATION ABOUT INTENDED USE

Further details regarding the use of the product can be found in DuPont™ Tyvek® HomeWrap® Installation Guide – New Zealand, 7 May 2021.

11 SUPPORTING INFORMATION ABOUT CONDITIONS AND LIMITATIONS OF USE

The AS 1530.2-1993 flammability index of DuPont Tyvek® HomeWrap® is not greater than 5 and therefore meets the requirements of NZBC Acceptable solutions C/AS2, paragraph 4.17.8 (b) for use in all situations (including situations exposed to view).

In cavity installations where stud spacing is greater than 450mm and flexible underlays only are used, an intermediate means of restraining the underlay and insulation from bulging into the drained cavity must be installed as required by E2/AS1 9.1.8.5.



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CERTIFICATE V1.3

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12 BASIS FOR CERTIFICATION

B2 Durability - By testing and comparison with Acceptable Solution E2/AS1 and referenced Standard NZS2295
C3 Fire affecting areas beyond the fire source - By testing and comparison with Acceptable Solutions C/AS1 and C/AS2
E2 External moisture - By testing and comparison with Acceptable Solution E2/AS1 and referenced Standard NZS2295
F2 Hazardous building materials - By comparison with the performance requirements of the Building Code clause F2.3.1
H1 Energy efficiency - By analysis and comparison with Acceptable Solution E2/AS1

13 SUPPORTING DOCUMENTATION FOR CERTIFICATION

1. C/AS2 Acceptable Solution for Buildings other than Risk Group SH for New Zealand Building Code Clauses C1-C6 Protection from Fire, 1st edition (Amendment 2), 50 November 2020
2. C/VM1 Verification Method for Solid Fuel Appliances and C/AS1 Acceptable Solution for Buildings with Sleeping (residential) and Outbuildings (Risk Group SH) For New Zealand Building Code Clauses C1-C6 Protection from Fire (Amendment 5), 5 November 2020
3. Acceptable Solutions and Verification Methods For New Zealand Building Code Clause E2 External moisture 3rd edition (Amendment 10), 5 November 2020
4. SCION Report QT-5398 Evaluation of DuPont Tyvek Supro and HomeWrap® to AS/NZS 4200 and NZS2295, September 2016
5. AWTA Test Report 7-576031-CN Du Pont Tyvek HomeWrap® AS 1530.2:1993, 23 November 2010
6. MSDS DuPont Tyvek Spun Polyethylene, Version 2.2, 21 April 2009
7. DuPont™ Tyvek® HomeWrap® Installation Guide – New Zealand, 7 May 2021

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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.