



Certificate of Conformity

APPENDIX A – PRODUCT TECHNICAL DATA

A1 Type and intended use of product

As per page one.

A2 Description of product

As per page one.

A3 Product specification

Properties	Test Method	Requirement (AS/NZS4200)	DuPont™ Tyvek® and Supro/Supro Plus (2506B)
			2506B
			TDS
DUTY CLASSIFICATION	Table 1 AS/NZS 4200.1:1994	Medium	Extra Light
VAPOUR PERMEABILITY	ASTM E96	>0.14µg/N.s	> 3.5µg/N.s
VAPOUR RESISTANCE	ASTM E96	< 7.0MN.s/g	< 0.3MN.s/g
VAPOUR CONTROL CLASSIFICATION	ASTM E96	Class 4	Class 4
EMITTANCE	AS/NZS 4201.5;1994	Non-reflective	Non-reflective
WATER BARRIER	AS/NZS 4201.4;1994	water barrier	water barrier
ABSORBENCY	AS/NZS 4201.6;1994	Unclassified	Unclassified
RESISTANCE TO DRY DE-LAMINATION	AS/NZ 4201.1;1994	Pass	Pass
RESISTANCE TO WET DE-LAMINATION	AS/NZ 4201.2 ;1994	Pass	Pass
SHRINKAGE	AS/NZ 4201.3;1994	<0.5%	100%
ELECTRICAL CONDUCTIVITY CLASSIFICATION	AS/NZS3100; 2009	Electrically non-conductive	Non-conductive
FOLDING ENDURANCE (MD)	AS/NZS 1301.423 ;2008	log10 folds	Pass
FOLDING ENDURANCE (CD)	AS/NZS 1301.423 ;2008	log10 folds	Pass
TENSILE STRENGTH	AS/NZS 1301.423 ;2008		
• MACHINE DIRECTION (K/NM)		> 9.5kN/m	6.3kN/m
• LATERAL DIRECTION (K/NM)		> 6.0kN/ m	5.0kN/m
EDGE TEAR RESISTANCE	TAPPI T470		
• MACHINE DIRECTION (N)		65N	305N
• LATERAL DIRECTION (N)		65N	254N
BURST STRENGTH	AS 2001.2.19 ;1988	>200N	356N
FLAMMABILITY INDEX	AS/NZ 1530 .2 1993	≤ 5	≤ 5
WIDTH			1500Mm
LENGTH			50m
AREA		-	75m2
WEIGHT			145GSM
ROLL WEIGHT		-	11KG
Note: Test results shown represent roll averages. Individual results may vary either above or below averages due to normal manufacturing variations while continuing to meet product specifications.			



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A4 Manufacturer and manufacturing plant(s)

DuPont de Nemours (Luxembourg) S.à.r.l.
Rue du General Patton
L-2984 Luxembourg

A5 Installation requirements

- a. Must be installed as per Du Pont™ Tyvek® Roof Underlay Install Guidelines October 2016 Version 2.
- b. Du Pont™ Tyvek® Supro & Supro Plus is non-directional and hence can be installed upside down without affecting performance.
- c. Shall be installed in accordance with AS/NZS 4200.2; 1994 Pliable Building Membranes and Underlays, Part 2 Installation Requirements.

A6 Other relevant technical data

Refer www.dupont.com.au for further technical information

APPENDIX B – EVALUATION STATEMENTS

B1 Evaluation methods

1. The Du Pont™ Tyvek® Supro & Supro Plus Breathable: as described here in has been evaluated for compliance using the methodologies described in NCC BCA Volume Two Part 1.0.
2. The Du Pont™ Tyvek® Supro & Supro Plus Breathable: has been evaluated as compliant to Performance Requirement P2.2.2 and P2.3.1 NCC BCA Volume Two 2016.
3. The Du Pont™ Tyvek® Supro & Supro Plus Breathable: has been evaluated against Part 1.0.3 (a) (i) of NCC BCA Volume Two 2016 and meets the Performance Requirements.
4. The evaluation process employed to arrive at this decision include:
 - Evaluation of technical reports as detailed below in B2.
 - Audit of the installation process.
 - Expert judgment of appropriately qualified engineers.
 - Product Quality Plan to be consistent with Appendix 1 of the CodeMark scheme rules
 - Evaluation of the audit process and confirmation of the findings by the Unrestricted Building Certifier who's name and signature appears on page one of this Certificate.

B2 Reports

- (1) BBA Agreement 08/4548.
- (2) Irish Board of Agreement 04/0157.
- (3) Scion Report 58093.
- (4) CSIRO Test Certificate FNF10724.
- (5) BRANZ appraisal no 807.
- (6) Scion Report R4267.



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The following tests have been carried out on DuPont™ Tyvek® Supro & Supro Plus;

- Tensile strength, edge-tear resistance and resistance to water vapour transmission in accordance with AS/ NZS 4200.1;1994
- Shrinkage in accordance with AS/NZS 4201.3 ;1994
- Resistance to water penetration in accordance with AS/NZS 4201.4;1994
- Surface water absorbency in accordance with AS/NZS 4201.6;1994
- pH of extract in accordance with AS/NZS 1301.421s;1998
- A range of these tests were completed before and after Du Pont™ Tyvek® Supro & Supro Plus Breathable was exposed to ultra-violet light.
- The Flammability Index of Du Pont™ Tyvek® Supro & Supro Plus Breathable Underlay has been evaluated in accordance with NZS/AS 1530.2;1993