

Tyvek HomeWrap Technical Specifications

DuPont™ Tyvek® HomeWrap®

TECHNICAL SPECIFICATIONS

Roll Length	Roll Width	Area Cover	Weight
30m 30m	2743mm 3048mm	82m² 91.4m²	5kg 5.6kg
PROPERTY DESCRIPTION	TEST METHOD	SPECIFICATION REQUIREMENT	AWTA TEST RESULT
Tensile Strength	AS1301.448	Machine Direction Duty – Heavy 12.5 Medium 9.5 Light 7.5 Extra Light 6.0 Lateral Direction Duty – Heavy 7.5 Medium 6.0 Light 4.5 Extra Light 3.5	4.6 KN/m 5.2 KN/m
Edge Tear Resistance	TAPPI T470	Machine & Lateral Direction Duty – Extra Heavy 90 Heavy 80 Medium 65 Light 45 Extra Light 30	(MD) 225N (LD) 216N
Bursting Strength	AS2001.2.19	Light Duty 200N	225N
Vapour Barrier	ASTM E96	High Duty <0.00µg/N.s Medium 0.002 - 0.014µg/N.s Low Duty >0.1400µg/N.s Unclassified	1.8mg/N.S.
Water Barrier	AS1736 (AS/NZ S 4201.4)	High Duty Shall Pass	PASS
Absorbency	AS/NZ S 4201.1	High Duty >100/m²	33g/m²
Dry Delamination	AS/NZ S 4201.1	Shall Pass	PASS
Wet Delamination	AS/NZ S 4201.2	Shall Pass	PASS
Folding Endurance**	AS1301.423	Machine Direction 7 2.0 (log 100) Machine Direction 7 1.7 (log 50)	>2.0 (log 100) >2.0 (log 100)
Shrinkage	AS1736 (AS/NZ S 4201.3)	Not greater than 0.5%	+0.3%
Flammability Index	AS1530.2	Not greater than 5	3
Emitance*	ASTM E408 (AS/NZ S 4201.5)	Reflective <0.05 Classification value 0.06 - 0.99 Non-reflective 1.00	0.51

* Test conducted by University of WA – Dept of Mech and Materials Engineering

** Test conducted by CSIRO Division of Forestry and Forest Products

TYVEK® HOMEWRAP® – THE REAL BREATHABLE BUILDING MEMBRANE

Tyvek® HomeWrap® passes AS/NZ S 4200 Standard for Pliable Building Membranes. Tyvek® HomeWrap® should not be used under roofs. Due to the lightness of the product wind may cause excessive flapping and noise. Tyvek® is not a vapour barrier. All weather guarantees: DuPont will replace any Tyvek® wall membrane (not labour) that is torn off a wall due to normal weather conditions, provided: Tyvek® has been fixed securely to frame using Taco foil fasteners (or equivalent) every 600mm horizontally and every 800mm vertically, or by using staples and strapping every 600mm. Winds do not exceed 120kph. Tyvek® is enclosed with external cladding within 2 months.

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