

DuPont™ Tyvek® HomeWrap®

Properties	Test Method	Requirement	DuPont™ Tyvek® HomeWrap® (1055B)
National Construction Code (NCC) and AS/NZS4200.1:2017			
Duty Classification	Table 1, AS/NZS 4200.1:2017	Light wall	Light wall
Vapour Permeance	ASTM E96 – B	>1.14µg/N.s	>2.80µg/N.s
Vapour Resistance	ASTM E96 – B	<0.88MN.s/g	<0.35MN.s/g
Vapour Control Classification	Table 4, AS/NZS4200.1:2017	Class 4	Class 4
Surface Emittance Classification	Table 2, Section 5.3.3 AS/NZS 4200.1 2017	-	IR Semi-reflective
Membrane Emittance Category	Table 3, Section 5.3.3 AS/NZS 4200.1 2017	-	SS
Mechanical Strength			
Edge Tear (MD & CD)	TAPPI T470	>45	238N & 218N
Tensile (MD & CD)	AS 1301.448s	N/A	5.2kN/m & 4.8kN/m
Burst Strength	AS 2001.2.19	>200N	300N
Resistance to Dry Delamination	AS/NZS 4201.1	Pass	Pass
Resistance to Wet Delamination	AS/NZS 4201.2	Pass	Pass
Moisture Shrinkage	AS/NZS 4201.3	<0.5%	Pass
Water Control Classification	AS/NZS 4201.4	Water Barrier	Water Barrier
Folding Endurance (MD & CD)	AS/NZS 1301.423	>2.0 (log ₁₀ 100) & >1.7(log ₁₀ 50)	Pass
Electrical Conductivity	AS/NZS 3100	Electrically Non-conductive	Electrically Non-conductive
Flammability Classification	NZS/AS 1530.2	Low (≤5)	Low (≤5)
Surface Water Absorbency Classification	AS/NZS 4201.6	Low/High	Low
Heat Shrinkage	ASTM D1204	MD-0.2, CD-0.05	Pass
Air Control Classification	AS4200.1:2017 Section A6	≥0.1 MNs/m ³	Air Barrier
Weight / Width			Nominal 62gsm /3048mm Nominal 62gsm /2743mm
Certification / Appraisals			CodeMark
Roll Weight			2740mm: 5.2kg 3048mm: 5.8kg
Roll Length			2740mm: 30.5m 3048mm: 30.5m
Thickness			0.14mm

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.

For more information about DuPont™ Tyvek® Building Envelope Systems, please visit us at www.Construction.tyvek.com

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