

DuPont™ Tyvek® HomeWrap®

DATA SHEET

DuPont™ Tyvek® Homewrap® is a fire retardant synthetic wall underlay. It is manufactured from spunbonded high density polyethylene (HDPE) fibres, tough and abrasion resistant to stand up to the rigors of construction.

DuPont™ Tyvek® Homewrap® can be used as a:

- Wall wrap for the following constructions
 - Cavity - all cladding types with both timber and steel framing
 - Direct Fixed - with absorbent cladding on timber framing only
- Non-rigid air barrier

Features and Benefits

- Unique construction with no perforations, keeps water out, maintaining a drier, warmer building
- Excellent UV resistance, can be left unclad for up to 120 days
- Translucent, lets light in to allow working on the interior and makes fixing easier

Properties NZS 2295:2006	Test Method	Requirement	DuPont™ Tyvek® HomeWrap®
Water Vapour Resistance	ASTM E96-B	≤ 7 MN s/g	< 0.5MN s/g
Absorbency	AS/NZS 4201:6	Absorbent/non-absorbent	Non-absorbent
Resistance to Water Penetration	AS/NZS 4201:4	≥20mm/24hrs	Pass
Moisture Shrinkage	AS/NZS 4201:3	< 0.5%	Pass
pH Extract	ASNZS 1301.4215	>5.5 and <8.0	Pass
Mechanical strength Edge Tear (MD & CD) Tensile (MD & CD)	TAPPI T470 ASTM D882	≥100N & ≥55N ≥2kN/m & ≥1.0kN/m	202N & 223N 4.4kN/m & 4.7kN/m
Flammability	NZS/AS 1530.2	≤5	Pass
Air Resistance	ISO 5636-5	≥0.1MN s/m ³	Pass
Resistance to UV	ASTM G154	≥85% strength	Pass

Additional Information

NZS 2295:2006 Classification	W3 - Synthetic Grade: Non absorbent
Wind load zone	Very High Extra High - Overlay on rigid underlay
UV Exposure	Up to 120 days

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.

Product Specification

Description	Product Code	Roll Size	Area	GSM
DuPont™ Tyvek® Homewrap®	700001	2740m x 30m	82m ²	61gsm



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