

DuPont™ Tyvek® Supro/Supro Plus

DATA SHEET

DuPont™ Tyvek® Supro is a fire retardant synthetic underlay recommended for use as a self-supporting roof underlay. It is made by laminating a spun-bonded high density polyethylene (HDPE) to a non-woven polypropylene sheet providing a strong weather resistant barrier with excellent water vapour permeability and UV resistance.

DuPont™ Tyvek® Supro Plus has an integrated tape system for ease of in-situ edge sealing.

Features and Benefits

- Self-supporting synthetic roof underlay - can be installed without support for spans up to 1200mm
- 1.5m wide – covers more area per sheet with less number of overlaps
- No Shrinkage – allowing no maximum run length on installation
- Non Kraft based - may be exposed to rainfall during installation without affecting future durability or performance

Properties NZS 2295:2006	Test Method	Requirement	DuPont™ Tyvek® Supro/Supro Plus
Water Vapour Resistance	ASTM E96-B	≤ 0.5MN s/g	< 0.3MN s/g
Absorbency	AS/NZS 4201:6	≥ 150gsm	Refer to Codemark
Resistance to Water Penetration	AS/NZS 4201:4	≥ 100mm/24hrs	Pass
Moisture Shrinkage	AS/NZS 4201:3	< 0.5	Pass
pH Extract	ASNZS 1301.421S	>5.5 and <8.0	Pass
Mechanical strength Edge Tear (MD & CD) Tensile (MD & CD)	TAPPI T470 ASTM D882	≥ 150N & ≥ 130N ≥ 3kN/m & ≥ 2.5kN/m	305N & 254N 6.3kN/m & 5.0kN/m
Flammability	NZS/AS 1530.2	≤ 5	Pass
Resistance to UV	ASTM G155	≥ 85% strength	Pass

Additional Information

NZS 2295:2006 Classification	Self Supporting Synthetic Roof Underlay
Wind load zone	Extra High

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® Supro	702500	1500mm x 50m	75m ²	140gsm
DuPont™ Tyvek® Supro Plus	702501	1500mm x 50m	75m ²	140gsm



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