



Vapour Permeable Sarking for Roof and Wall Applications



Product Description

ProctorWrap™ HTS is a UV stabilised tear resistant 3-ply spun bonded polyolefin membrane with reinforcement scrim. ProctorWrap HTS meets the requirements of the AS/NZS 4200.1:2017, is suitable for roof and wall applications and is also available with integrated tape (HTS-IT).

Applications

ProctorWrap HTS is medium duty classification and suitable for use underneath metal sheet, slate and tiled roofs and higher wind load wall applications. ProctorWrap HTS can significantly reduce the risk of condensation in the roof space when designed and installed correctly. HTS is suitable for use in BAL regions 12.5 to 40 in accordance with AS 3959.

Installation

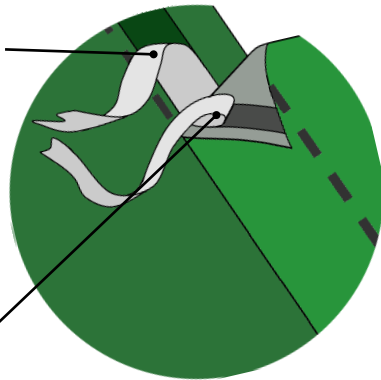
ProctorWrap HTS should be installed in accordance with AS/NZS 4200.2 Pliable Building Membranes and Underlays, Part 2 Installation Requirements and in full accordance with the product installation guide. ProctorWrap HTS must be installed with the printed surface facing outwards.

ProctorWrap HTS-IT (Integrated Tape)

To improve the integrity of installation, ProctorWrap HTS-IT is also available with a factory applied integrated tape.

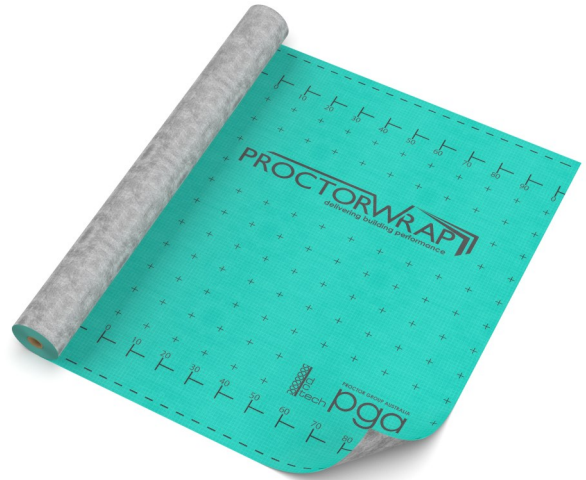
80mm wide clear integrated adhesive tape on the outside face of the membrane. The extra width permits some limited flexibility in positioning of the upper course of membrane.

45mm wide clear integrated adhesive tape on the underside of the membrane.



Durability

Although ProctorWrap HTS can be used as temporary protection during construction, it is not a waterproof membrane as classified by AS 4654.2. The product may be damaged by careless handling, high winds or vandalism, and should not be left uncovered for longer than is absolutely necessary. Any damaged areas should be replaced before completion. To ensure maximum long term durability, ensure that ProctorWrap HTS is covered up by the primary roofing or cladding material as soon as possible, and not left exposed to UV for longer than 2 months.



- High water resistance
- Medium Duty
- Class 4 High vapour permeance
- Air barrier
- Exceeds NCC deemed to satisfy condensation management provisions
- Available with integrated tape
- Fixing span-tables available

Health & Safety

Information on any known health risks of the material are listed in the Material Safety Data Sheets available from Proctor Group Australia. Follow all guidance and industry good practice guidelines. In particular pay attention to the disposal of the removed release liner and packaging which present a slip hazard.

Product Performance

ProctorWrap HTS performs to specification in normal building applications when installed in accordance with the Product Installation Guide. The information herein is supplied in good faith and to the best of our knowledge was accurate at the time of publication. Users are advised to make their own determination as to the suitability of this information in relation to their particular purpose and specific requirements.

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Technical Data

Criteria	Reference	Result
Duty Classification	Table 1 AS/NZS 4200.1:2017	Medium
Vapour Permeance	AS/NZS 4200.1; ASTM E96	2.565 µg/N.s
Vapour Resistance	AS/NZS 4200.1; ASTM E96	0.4 MN.s/g
	EN 12572/EN 1931 (Sd value)	0.04 m _{±0.02/+0.02} equates to 0.2 MNs/g
Vapour Control Classification	AS/NZS 4200.1:2017	Vapour Permeable - Class 4
Emittance	AS/NZS 4201.5	IR Non-reflective - NN
Air Permeability / Air Control Classification	EN 12114:2001	< 0.02 m³/(h.m².50Pa)
	AS/NZS 4200.1, ISO 5636-5	Air Barrier (≥ 0.1 MNs/m³)
Water Control Classification	AS/NZS 4201.4	Water Barrier (pass)
Resistance to Dry De-Lamination	AS/NZS 4201.1	Pass
Resistance to Wet De-Lamination	AS/NZS 4201.2	Pass
Shrinkage	AS/NZS 4201.3	Pass < ±0.5%
Folding endurance	AS/NZS 1301.423	Pass MD: ≥2.00 CD: ≥1.7 (log ₁₀ folds)
Flammability Classification	AS/NZS 1530 Part 2	1 (Low ≤5)
Thickness	EN 1849.2	0.6 mm
Burst Strength	AS 2001.2.19:1988	568 N
Tensile Strength	AS 1301.448	MD: 9.9 kN/m CD: 8.6 kN/m
Edge Tear Resistance	TAPPI T470	MD: 570 N CD: 493 N
Electrical Conductivity Classification	AS/NZS 4200.1:2017, AS/NZS 3100-2017	Electrically Non-Conductive
Allowable UV exposure prior to completion of cladding		2 months

Sample Specification

Sarking, roofing underlay shall be ProctorWrap [HTS/HTS-IT] vapour permeable sarking membrane, compliant to AS/NZS 4200.1:2017, secured in accordance with the product user guide.

AS/NZS 4200.1:2017 Classifications

- Duty: Medium
- Water Control: Water Barrier
- Vapour control : Class 4 Vapour Permeable
- Air Control: Air barrier

- Flammability: Low AS1530.2 Flammability Index ≤ 5
- Thickness ≤ 1.0mm
- Non-conductive & Non-reflective
- Vapour Permeance to ASTM E96(B) no less than 2.5µg/N.s.
- "Breather" perforated foil does not comply with this specification

Dimensions and Accessories

Product	Width (mm)	Length (m)	Area (m²)	Coverage (m²)	Weight (kg/roll)	Rolls/pallet
ProctorWrap HTS	1,500	30	45	40.5	7.3	36/pallet
ProctorWrap HTS-IT	1,500	30	45	40.5	7.3	36/pallet
ProctorWrap HighTack Plus Tape	60	20			9kg/carton	18rolls/carton
	75	20			8.5kg/carton	12rolls/carton
Proctor Plasti-Grip Washer	Diameter 45mm				2.4kg/carton	1,000/carton