

*UV Resistant Vapour Permeable Sarking for Rainscreen Applications*

**Product Description**

ProctorWrap<sup>TM</sup> Rainscreen with Integrated Tape (RS-IT) is a two layer membrane consisting of a spun bonded polyester layer with a unique functional coating that offers improved resistance against UV and high temperatures up to 120°C. Developed primarily as a vapour permeable sarking for use in open joint rain screen applications, ProctorWrap RS-IT offers a combination of durability and high water holdout without compromising vapour permeance.

**Applications**

ProctorWrap RS-IT is suitable for installation in vertical wall constructions behind ventilated facades with regularly spaced open joints no greater than 50mm wide accounting for no more than 30% of total surface area. The rainscreen façade has to be ventilated according to the façade manufacturers installation instructions but a ventilation gap (min.40mm) is necessary.

Long term UV resistance is dependent on the percentage of the cladding that is open, the size of openings, and the width of the cavity. Please contact DriStud Technical team at TCL Hunt Building Products to seek assurances on the suitability of ProctorWrap RS-IT for the particular application.

**Installation**

ProctorWrap RS-IT 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 RS-IT should be installed with the darker black “rubbery” surface facing outwards.

**Integrated Tape**

To improve the integrity of installation, ProctorWrap RS-IT is supplied with a factory applied integrated tape on the outer face of the lower course and the rear of the upper course of membrane.

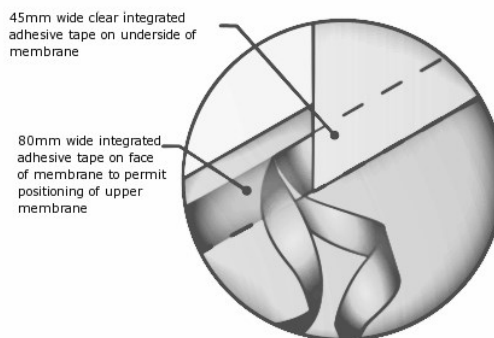
**Durability**

Although ProctorWrap RS-IT can be used as temporary protection during construction, it can not be used as a primary waterproofing membrane. 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 UV durability, ensure that ProctorWrap RS-IT is covered up by the primary cladding material as soon as possible, and not left exposed to UV for longer than 4 months.



**Benefits**

- High water resistance
- Suitable for use behind in open joint cladding
- High UV durability
- Highly vapour permeable
- Air tight
- Supplied with integrated tape



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**Technical Data**

Criteria	Reference	Result
Duty Classification	Table 1 AS/NZS 4200.1:12017	Light Wall
Vapour Permeability	ASTM E96	2.7800 µg/N.s
Vapour Resistance	ASTM E96	0.36MN.s/g
Vapour Barrier Classification	AS/NZS 4200.1:12017	Vapour Permeable - Class 4
Emittance	AS/NZS 4201.5	IR Non-reflective - NN
Water Barrier	AS/NZS 4201.4	High
Absorbency	AS/NZS 4201.6	Unclassified
Air Control Classification	AS/NZS 4200.1:12017	Air Barrier
Resistance to Dry De-Lamination	AS/NZ 4201.1	Pass
Resistance to Wet De-Lamination	AS/NZ 4201.2	Pass
Shrinkage	AS/NZ 4201.3	< ±0.5%
Burst Strength	AS 2001.2.19-1988	480N
Flammability Index	AS/NZ 1530 Part 2	≤ 5*
Thickness	EN 1849.2	0.5 mm
Tensile Strength	AS 1301.448	MD: 6.6kN/m CD: 3.7kN/m
Edge Tear Resistance	TAPPI T470	MD: 337N CD: 191N
Electrical Conductivity		Non-conductive
Allowable UV exposure prior to completion of cladding		4 months
* Testing to AS1530.2. has only been conducted on sections of material without integrated tape.		

**Health & Safety**

Information on any known health risks on the material are listed in the Material Safety Data Sheets. Follow all guidance and industry good practice guidelines. In particular pay attention to the disposal of the removed release liner, as this presents a slip hazard. If you require any information including MSDS please contact DriStud Technical Team.

**Product Performance**

ProctorWrap RS-IT 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.

**Dimensions and Packaging**

Product Code	Width (mm)	Length (m)	Area (m <sup>2</sup> )	Coverage (m <sup>2</sup> )	Weight kg/roll	Rolls/pallet
ProctorWrap RS-IT	1,500	35	52.5	47.25	16.5	46

**Sample Specification**

Sarking should be ProctorWrap RS-IT vapour permeable membrane, tested to AS/NZS 4200.1:2017 standards, secured directly to the outside of the wall frame in accordance with the product installation guide. All laps and penetrations are sealed with ProctorWrap UV Tape. Breather foil does not comply with this specification.

- Vapour permeance: No less than 2.0µg/N.s (vapour resistance of no greater than 0.5MN.s/g)
- Burst Strength no less than 450N
- Duty classification: Light Wall
- Water Barrier Classification: High
- Air Control Classification: Air Barrier