

PRODUCT TECHNICAL STATEMENT

ProctorPassive Rainscreen (RS-IT)

UV Resistant Vapour Permeable Sarking for Rainscreen Applications

ProctorPassive™ 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, ProctorPassive RS-IT offers a combination of durability and high water holdout without compromising vapour permeance.

APPLICATIONS:

ProctorPassive 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 ProctorPassive RS-IT for the particular application.

INSTALLATION

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

INTEGRATED TAPE

To improve the integrity of installation, ProctorPassive 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

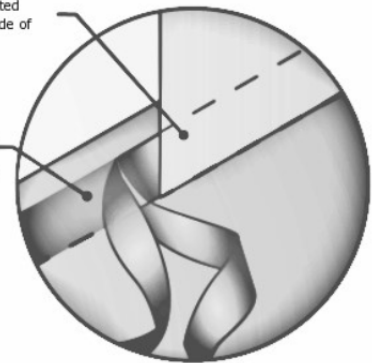
Although ProctorPassive RS-IT can be used as temporary protection during construction, it can not be used as a primary waterproofing membrane. The product may be damaged by careless handling, high winds or vandalism, and should not be left uncovered for longer than is absolutely necessary. Any damaged areas should be replaced before completion. To ensure maximum long term UV durability, ensure that ProctorPassive 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
- Rainscreen RS-IT is compatible with SabreSeal MS Facade and SabreBond SMP50

45mm wide clear integrated adhesive tape on underside of membrane

80mm wide integrated adhesive tape on face of membrane to permit positioning of upper membrane



Criteria	Reference	Result
1 Duty Classification	Table 1 AS/NZS 4200.1:12017	Light Wall
2 Vapour Permeability	ASTM E96	2.7800 µg/N.s
3 Vapour Resistance	ASTM E96	0.36MN.s/g
4 Vapour Barrier Classification	AS/NZS 4200.1:12017	Vapour Permeable - Class 4
5 Emittance	AS/NZS 4201.5	IR Non-reflective - NN
6 Water Barrier	AS/NZS 4201.4	High
7 Absorbency	AS/NZS 4201.6	Unclassified
8 Air Control Classification	AS/NZS 4200.1:12017	Air Barrier

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9	Resistance to Dry De-Lamination	AS/NZ 4201.1	Pass
10	Resistance to Wet De-Lamination	AS/NZ 4201.2	Pass
11	Shrinkage	AS/NZ 4201.3	< ±0.5%
12	Burst Strength	AS 2001.2.19-1988	480N
13	Flammability Index	AS/NZ 1530 Part 2	≤ 5*
14	Thickness	EN 1849.2	0.5 mm
15	Tensile Strength	AS 1301.448	MD: 6.6kN/m CD: 3.7kN/m
16	Edge Tear Resistance	TAPPI T470	MD: 337N CD: 191N
17	Electrical Conductivity		Non-conductive
18	Allowable UV exposure prior to completion of cladding		4 months
19	* 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

ProctorPassive 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.

SAMPLE SPECIFICATION

Sarking should be ProctorPassive 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 ProctorPassive 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 0.5MNs/g)
- Burst Strength no less than 450N
- Duty classification: Light Wall
- Water Barrier Classification: High
- Air Control Classification: Air Barrier



For further information please visit www.drinspace.co.nz or call **0800 DRISTUD (374 7883)**.

DIMENSIONS & PACKAGING

Width (mm)	Length (m)	Area (m ²)	Coverage (m ²)	Weight (kg/roll)	Rolls/pallet
1,500	35	52.5	47.25	16.5	46