

PROCTOR **PASSIVE** Rainscreen (RS-IT)

UV Resistant Vapour Permeable Sarking for Rainscreen Applications



Product Description

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 30mm 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. 20mm) is necessary.

ProctorPassive RS-IT can also be used as a vapour permeable underlay in metal roof applications.

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 Proctor Group Australia to seek assurances on the suitability of ProctorPassive RS-IT for the particular application.

Installation

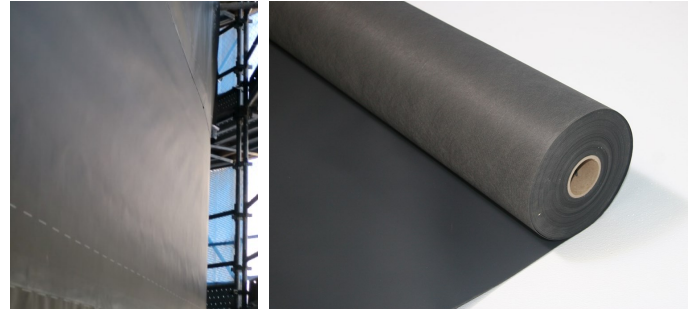
ProctorPassive RS-IT should be installed in accordance with AS/NZS 4200.2 Pliable Building Membranes and Underlays, Part 2 Installation Requirements and in full accordance with the product installation guide. ProctorPassive RS-IT should be installed with the darker black "rubbery" surface facing outwards.

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.

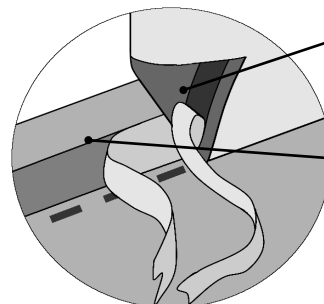
Durability

Although ProctorPassive RS-IT can be used as temporary protection during construction, it can not be used as a fully exposed 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, or 11 months when the cladding is closed joint.



Benefits

- High water resistance
- Suitable for use behind in open joint cladding
- High UV durability
- Highly vapour permeable
- Air barrier
- Supplied with integrated tape
- Fixing span tables available



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

80 mm 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.

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Technical Data

Criteria	Reference	Result
Duty Classification	Table 1 AS/NZS 4200.1:2017	Light
Vapour Permeance	ASTM E96	2.7800 µg/N.s
Vapour Resistance	ASTM E96	0.36MN.s/g
	EN 12572 (Sd value)	0.04 m <small>(-0.02/+0.04)</small> 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
Water Barrier	AS/NZS 4201.4	High
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	Pass < ±0.5%
Folding endurance	AS/NZS 1301.423	Pass MD: ≥2.00 CD: ≥1.7 (log ₁₀ folds)
Flammability Index	AS/NZ 1530 Part 2	1 (Low ≤5)
Fire Characteristics	EN 13501-1 (Euroclass)	B
Thickness	EN 1849.2	0.5 mm
Burst Strength	AS 2001.2.19-1988	647N
Tensile Strength	AS 1301.448	MD: 8.9kN/m CD: 5.3kN/m
Edge Tear Resistance	TAPPI T470	MD: 389N CD: 264N
Electrical Conductivity Classification	AS/NZS 4200.1:2017, AS/NZS 3100-2017	Electrically Non-Conductive
Allowable UV exposure prior to completion of cladding		4 months

Health & Safety

Information on any known health risks on 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, as this presents a slip hazard.

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 0.5MN.s/g)
- Burst Strength no less than 600N
- Duty classification: Light
- Water Barrier Classification: High
- Air Control Classification: Air Barrier

Dimensions and Accessories

Product Code	Width (mm)	Length (m)	Area (m ²)	Coverage (m ²)	Weight kg/roll	Rolls/pallet
ProctorPassive RS-IT	1,500	35	52.5	47.25	16.5	46/pallet
ProctorPassive UV Tape	60	25				12/carton