

Product Description

ProctorPassive Wraptite SA combines the best properties of a vapour permeable membrane and a self adhesive water and air barrier in one innovative self-adhering product. Wraptite SA utilizes a patented full coverage air permeable adhesive to provide unsurpassed vapour permeability in a commercial quality, self-adhered, water resistant vapour permeable membrane.

Applications

Wraptite SA's high vapour permeability allows sheathing to dry quickly and moisture to escape. This ensures good indoor air quality by reducing the likelihood of mould, mildew, condensation, timber distortion and metal corrosion.

Installation

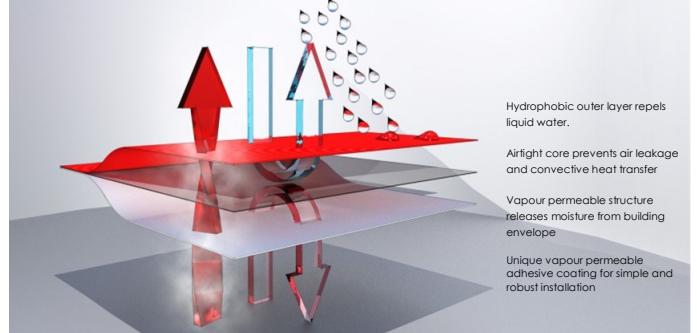
Wraptite SA should be installed in accordance with the supplied installation guide. Wraptite SA fully bonds without mechanical attachments to most substrates for ease of installation, requiring minimal use of sealants or tapes.

Benefits

- Exceptional air tightness.
- Adhesive layer does not compromise vapour permeance of carrier.
- High vapour permeance. (AS4200.1 Class 4)
- No primer required on most clean substrates.
- Tough laminate resists punctures and tears.
- Multiple substrate compatibility.
- Wide service temperature range, easily installed in all climates.
- Zero VOCs, and free of any chemicals on the Living Building Challenge Red List.
- AS/NZS 4200.1 testing and compliance
- Initial low tack for adjustability

Multiple Substrate Compatibility

Exterior Gypsum Sheathing	OSB
Most rigid insulation	Cast-in place concrete
Pre-painted steel / Stainless steel	Galvanized metal
Plywood	Concrete block
Aluminium (painted or mill finish)	Rigid vinyl



Sample Specification

Self-adhered wall wrap/ roof sarking should be ProctorPassive Wraptite SA vapour permeable membrane, compliant to AS/NZS 4200.1:2017 standards, applied to the roof or wall substrate in accordance with the product user guide. ProctorPassive Wraptite SA utilises a full coverage highly vapour permeable non-solvent based adhesive, is free of red list chemicals and is a Passive House Institute pH A certified component.

- Duty: Light
- Vapour Control - Class 4 Vapour Permeable
- Vapour Permeance no less than 4.0µg/m.s
- Air Barrier : 0.01 m³/m².h @ 50Pa (EN 12114)

Available from DCTech/Proctor Group Australia.

W: www.proctorgroup.com.au/contact/

Technical Data

Properties	Test method	Result
Nominal Thickness	Calibrated deadweight micrometre	0.65mm
Weight (excludes release liner)	Electronic weight scale	240 g/m ² (±10g/m ²)
Installation Temperature	-	-10°C to 60°C
Service Temperature	-	-40°C to 100°C
Water Resistance	AS/NZS 4201.4	Water Barrier: High
Air Permeance	AS/NZS 4200.1, ISO 5636-5 EN 12114 ASTM 2178	Air Barrier (≥ 0.1 MNs/m ³) 0.01 m ³ /m ² .h @ 50Pa <0.02 L/(s.m ²) @ 75 Pa
Water Vapour Permeance (Resistance)	ASTM E96 - Method B : AS4200.1:2017	4.1 µg/N.s (0.243 MNs/g)
Water Vapour Resistance - Sd value	EN ISO 12572 - Method C	0.039 m (permeance of 5.13 µg/N.s)
Vapour Barrier Classification	AS/NZS 4200.1:2017	Vapour Permeable: Class 4
Peel Adhesion	ASTM D3330	>0.26 N/mm
Resistance to Dry /Wet Delamination	AS/NZS 4201.1, /4201.2	Pass / Pass
Flammability Index	AS1530.2*	1 (low)*
Reaction to Fire	ISO 5660:2015	Peak heat release <100 kW/m ² Total heat release < 25 MJ/kg
Duty Classification	Table 1 AS/NZS 4200.1	Light
	AS 1301.448	MD: 7.9 kN/m CD: 4.5 kN/m
	TAPPI T470	MD: 379 N CD: 225 N

* Tested with release liner removed and adhered to 0.127 mm thick aluminium foil.

Product Performance

The details supplied here are based upon good practice and currently available information and should be read in conjunction with the most up to date product user guide. Users are advised to make their own determination as to the suitability of this information in relation to their particular purpose and specific requirements. Please contact us to discuss your project and any particular technical enquires.

Durability

Although Wraptite SA 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.

Dimensions & Packaging

Product	Width	Length	Roll Area	Roll Coverage (75mm overlaps)	Roll weight	Rolls per pallet
ProctorPassive Wraptite SA	1,500mm	50m	75m ²	71.25m ²	24kg	16 rolls

Ensure that Wraptite SA is covered as soon as possible, and **not left exposed to UV for longer than 2 months**, or the location specific period stated in the installation guide. ProctorPassive Wraptite SA is not to be used in installations where it could be exposed to long term UV radiation.

Health and Safety

Information on any known health risks on our products is listed in the Material Safety Data Sheets available from Proctor Group Australia. All proper safety measures should be taken during installation and all relevant OH&S and statutory regulations must be followed. ProctorPassive Wraptite SA has no anti-slip coating so may be slippery when wet. Carelessly discarded packaging also represents a slip hazard.