PROCTORWRAP delivering building performance Commercial Wall (CW)

Vapour Permeable Sarking for Wall Applications



Product Description

ProctorWrap™ CW is a thermo-calendared triple layer polyolefin non-woven textile, weather resistant barrier bonded without adhesive. This product is also available with pre-applied integrated tape (CW-IT). This product meets the requirements of AS/NZS 4200.1:2017 and is suitable for use in Australian residential and commercial applications.



Applications

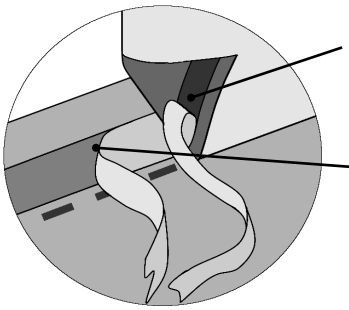
ProctorWrap CW is suitable behind both brick veneer and lightweight clad walls in warm to cold climate zones where vapour pressure is typically higher inside the building compared to outside. This product meets the requirements for use in BAL regions 12.5 to FZ in accordance with AS3959.

Installation

ProctorWrap CW 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 CW must be installed with the printed surface facing outwards.

CW-IT (Integrated Tape)

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



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

- *High water resistance*
- *Class 4 High vapour permeance*
- *Air barrier*
- *Exceeds NCC deemed to satisfy condensation management provisions*
- *Available with integrated tape*
- *Fixing span-tables available*
- *Helps protect the frame and insulation, prior to cladding*

Durability

Although ProctorWrap CW 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. Any damaged areas should be replaced before completion. To ensure maximum long term durability, ensure that ProctorWrap CW is covered up by the primary cladding material as soon as possible, and not left exposed to UV for longer than 10 weeks.

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 CW 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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Proctor Group Australia
a division of Dynamic Composite Technologies Pty. Ltd.

T 02 8788 9555
E technical@proctorgroup.com.au
W www.proctorgroup.com.au

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Technical Data

Criteria	Reference	Result
Duty Classification	Table 1 AS/NZS 4200.1:2017	Light Wall
Vapour Permeance	AS/NZS 4200.1; ASTM E96	3.019 µg/N.s
Vapour Resistance	AS/NZS 4200.1; ASTM E96	0.3 MN.s/g
	EN 12572/EN 1931 (Sd value)	0.02 m $_{(-0.01/+0.015)}$ equates to 0.1 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	0.5 mm
Burst Strength	AS 2001.2.19-1988	> 200N
Tensile Strength	AS 1301.448	MD: 5.2kN/m CD: 3.3kN/m
Edge Tear Resistance	TAPPI T470	MD: 252N CD: 162N
Electrical Conductivity Classification	AS/NZS 4200.1:2017; AS/NZS 3100-2017	Electrically Non-Conductive
Allowable UV exposure prior to completion of cladding		10 weeks

Sample Specification

Wall wrap shall be ProctorWrap [CW/CW-IT] vapour permeable sarking membrane, compliant to AS/NZS 4200.1:2017, secured directly to the outside of the frame in accordance with the product user guide.

AS/NZS 4200.1:2017 Classifications
- Duty: Light Wall
- 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 3.0µg/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 CW	1,500	50	75	67.5	11	36/pallet
ProctorWrap CW-IT	1,500	50	75	67.5	11	36/pallet
ProctorWrap HighTack Tape	60	25			9kg/carton	10/carton
Proctor Plasti-Grip Washer	Diameter 45mm				2.4kg/carton	1,000/box