

BRADFORD ENVIROSEAL™ PROCTORWRAP™ BLACK LABEL (BL)

Introduction

Enviroseal™ ProctorWrap™ Black Label (BL) is a vapour permeable wall wrap with integrated tape designed for use behind open joint facades.

Product Description

Enviroseal™ ProctorWrap™ BL is a vapour permeable membrane consisting of a spun bonded polyolefin 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 underlay for use under solar panels and behind open joint rain screen facades, Enviroseal™ ProctorWrap™ BL offers a combination of durability and high water holdout without compromising vapour permeability to help protect the building fabric and insulation from condensation and related problems such as mould, timber rot, corrosion and loss of thermal resistance.

Applications

Enviroseal™ ProctorWrap™ BL is suitable for installation in vertical wall constructions behind ventilated facades with regularly spaced open joints no greater than 50mm wide accounting for 30% open total surface area.

The wall (facade) covering 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 CSR

Bradford Australia to seek assurances on the suitability of Enviroseal™ ProctorWrap™ BL for the particular application.

In combination with taping overlaps, Enviroseal™ ProctorWrap™ BL can help form an air tight wrap for the building reducing the loss of conditioned air from the building thus improving the energy efficiency of the building envelope.

Adequate provision for the drainage, absorption or diffusion of moisture is required exterior to the membrane to ensure that moisture is not left trapped between the Enviroseal™ ProctorWrap™ BL and the external cladding. This is especially important for vapour tight or non-absorbent claddings such as steel.

Health & Safety

Information on any known health risks on our products is listed in the Material Safety Data Sheets available from CSR Bradford.

Benefits

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

Standard Sizes & Packaging

Width	Length	m ² per roll	Weight per roll	Rolls per pallet	Product Code
1500mm	50 M	75 m ²	23.5 kg	30	106703

Enviroseal™ ProctorWrap™ Tape Range

When required to secure, join or seal Enviroseal™ ProctorWrap™ BL it is recommended to use the following Enviroseal ProctorWrap accessory products in each of these applications.

Application	Product	Width	Length	Items per carton	Product Code
Sealing around penetrations	ProctorWrap™ SLS Flexi	60 mm	5 M	10	117688
Sealing joins - Black Label only	ProctorWrap™ SLS Black	60 mm	25 M	8	117687

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Durability

Although Enviroseal™ ProctorWrap™ BL 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 Enviroseal™ ProctorWrap™ BL is covered up by the primary cladding material as soon as possible, and not left exposed to UV for longer than 4 months.

Classifications

Criteria	Reference	Result
Duty Classification	Table 1 AS/NZS 4200.1:1994	Light
Vapour Permeability	ASTM E96	2.8µg/N.s
Vapour Resistance	ASTM E96	0.36MN.s/g
Vapour Barrier Classification	ASTM E96	Low
Emittance	AS/NZS 4201.5	Non-reflective
Water Barrier	AS/NZS 4201.4	High
Absorbency	AS/NZS 4201.6	Unclassified
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%
Tensile Strength	AS 1301.448	
• Machine Direction (k/Nm)		6.6 kN / m
• Lateral Direction (k/Nm)		3.7 kN / m
Edge Tear Resistance	TAPPI T470	
• Machine Direction (N)		337 N
• Lateral Direction (N)		191 N
Burst Strength		480 N
Flammability Index	AS/NZ 1530 Part 2	≤ 5**
Allowable UV exposure prior to completion of cladding		4 months

* Enviroseal™ ProctorWrap™ BL is classified as light duty in accordance with the value specified for bursting strength and therefore does not meet the deemed-to-satisfy provisions for use in roof applications.

** Testing to AS1530.2. has only been conducted on sections of material without integrated tape.

Sample Specification

Sarking should be CSR Bradford Enviroseal™ ProctorWrap™ BL vapour permeable membrane, tested to AS/NZS 4200,1:1994 standards, secured directly to the outside of the wall frame at maximum 300mm spacing and in accordance with product user guide. All laps and penetrations are sealed with Enviroseal™ ProctorWrap™ SLS Black Label Tape. Breather foil does not comply with this specification.

Summary Specification:

- Vapour permeability: No less than 2.5µg/N.s (vapour resistance of no greater than 0.4MN.s/g)
- MD Tensile Strength no less than 3.7kN/m
- Duty classification: Light
- Water Barrier Classification: High
- Emittance: Non-reflective