

Enviroseal ProctorWrap Commercial Wall (CW)

VAPOUR PERMEABLE MEMBRANE

Enviroseal[™] ProctorWrap[™] Commercial Wall (CW) is a light duty* vapour permeable wall wrap designed for use with timber and steel frame commercial wall constructions.

PRODUCT DESCRIPTION

Enviroseal[™] ProctorWrap[™] CW is a triple layer polyolefin non-woven textile. The high water vapour permeability of Enviroseal[™] ProctorWrap[™] CW allows for the controlled escape of vapour from within the building whilst restricting the ingress of liquid moisture, thus helping to protect the building fabric and insulation from condensation and related problems such as mould, timber rot, corrosion and loss of thermal resistance.

For applications requiring taping, Commercial Wall with Integrated Tape (CW-IT) is recommended as it is supplied with integrated tape along each edge of the membrane and eliminates the need for separate rolls of tape.

KEY BENEFITS

- High water resistance
- Highly vapour permeable
- Air-tight (in combination with taping or use of CW-IT)
- Soft facings reduce flapping noise
- Non-perforated
- Light weight and easy to handle

STANDARD SIZES & PACKAGING

| NAME | WIDTH (mm) | LENGTH (m) | m ² PER ROLL | WEIGHT PER ROLL | ROLLS PER PALLET | PRODUCT CODE |
|-------|------------|------------|-------------------------|-----------------|------------------|--------------|
| CW | 1500mm | 50m | 75m ² | 10.7kg | 35 | 114175 |
| CW-IT | 1500mm | 50m | 75m ² | 10.8kg | 35 | 134863 |

ENVIROSEAL[™] PROCTORWRAP[™] TAPE RANGE

When required to secure, join or seal Enviroseal[™] ProctorWrap[™] CW 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 joints | ProctorWrap [™] HighTack Tape | 50 mm | 25m | 36 | 136953 |
| Sealing around penetrations | ProctorWrap [™] SLS Flexi | 60 mm | 5m | 10 | 117688 |

APPLICATIONS

Enviroseal[™] ProctorWrap[™] CW is a highly vapour permeable, light duty* wall wrap for use in timber and steel frame wall construction. It is tear resistant making it easy to handle during installation.

In combination with taping overlaps, Enviroseal[™] ProctorWrap[™] CW 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.

It is good practice for Enviroseal[™] ProctorWrap[™] CW to be separated from the exterior cladding by a cavity to allow for the drainage of any moisture that has penetrated the exterior cladding or condensation that may form on the rear face of the cladding.

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[™] CW and the external cladding. This is especially important for vapour tight or non absorbent claddings such as steel. Care should be taken when installing insulation so that this does not restrict drainage within the cavity.

Enviroseal ProctorWrap CW

CLASSIFICATIONS

| CRITERIA | REFERENCE | RESULT |
|---|----------------------------|----------------|
| Duty Classification | Table 1 AS/NZS 4200.1:1994 | Light* |
| Vapour Permeability | ASTM E96 | 4.2µg/N.s |
| Vapour Resistance | ASTM E96 | 0.24MN.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) | | 6.1 kN / m |
| • Lateral Direction (k/Nm) | | 3.6 kN / m |
| Edge Tear Resistance | TAPPI T470 | |
| • Machine Direction (N) | | 295 N |
| • Lateral Direction (N) | | 175 N |
| Burst Strength | | >200 N |
| Flammability Index | AS/NZ 1530 Part 2 | ≤ 5 |
| Allowable UV exposure prior to completion of cladding | | 2 months |

*Bradford Enviroseal™ ProctorWrap™ CW 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.

DURABILITY

Although Enviroseal™ ProctorWrap™ CW 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.

Ensure that Enviroseal™ ProctorWrap™ CW is covered up by the primary cladding as soon as possible, and not left exposed to UV for longer than 2 months. Enviroseal™ ProctorWrap™ CW-IT is not to be used in open joint rain screen cladding installations where it could be exposed to long term UV radiation. For advice on such applications where Enviroseal™ ProctorWrap™ Black Label may be suitable please contact CSR Bradford.

SAMPLE SPECIFICATION

Sarking should be CSR Bradford Enviroseal™ ProctorWrap™ Commercial Wall (CW) vapour permeable membrane, tested to AS/NZS4200.1, secured directly to the outside of the wall frame at maximum 300mm spacing and in accordance with product user guide.