

CLIMAWRAP BMX 800



ClimaWrap BMX800 is a very durable, three-layer and a highly vapour permeable membrane that is specially designed to minimise condensation risk in buildings without compromising its primary water barrier properties. **ClimaWrap BMX800** is protected on both faces by non-woven structures against corrosive environment including treated timber or coastline area, engineered to meet the demands of the Australian climate conditions (zone 2 – 8).

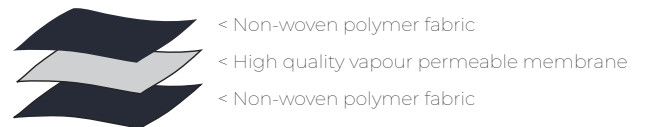
- ✓ Class 4 Vapour Permeable
- ✓ Prevents moisture and condensation build up
- ✓ Triple layer construction for a higher tensile strength
- ✓ Suitable for wide range of climatic conditions (zone 2 – 8)
- ✓ Tear and puncture resistant

APPLICATION

ClimaWrap BMX800 is used as a wall wrap behind fibre cement and timber cladding, delivering a shield of protection to help against external weather penetration and internal condensation build-up. Can be used as wall wrap in brick veneer systems. If installed behind non-absorbent claddings such as steel, provision should be given for adequate drainage of any trapped moisture.

STRUCTURE

The three-layer constructed **ClimaWrap BMX800** is made of two outer layer consisting of non-woven polymer fabric that are spun-bonded to protect the inner core of the highly permeable membrane.



VAPOUR PERMEANCE

Vapour Permeance: 3.967 $\mu\text{g}/\text{N}\cdot\text{s}$

Vapour Resistance: 0.3 MN-s/g

Tested in accordance with ASTM E96-2016 Water Vapour Transmission - Water Method

FIRE PERFORMANCE

Flammability Index Low (<5)

Tested in accordance with AS1530.2-1993 - Methods for fire tests on building materials, components and structures Part 2: Test for flammability of materials.

AVAILABILITY

1500 mm x 30 m (45 m²)

1370 mm x 30 m (41.1 m²)

Nominal Mass per Unit Area/Density: 145g/m²

Nominal Thickness: 0.42 mm

NCC COMPLIANT

ClimaWrap BMX800 conforms to all the requirement of AS/NZS 4200.1:2017 and the National Construction Code of Australia for pliable building membranes, insulation and sarking-type materials.

Contact Us :

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CLIMAWRAP BMX800

Properties	Classification	Performance	Requirement
Flammability Index	AS 1530.2-1993	Low ≤ 5	High (> 5) / Low (≤ 5)
Nominal Thickness		0.42mm	≤ 1 mm
Duty	AS/NZS 4200.1:2017	Light wall	Classification
Ball Burst	AS 2001.2.19-1988	247	≥ 200 N
Edge Tear Machine Direction	AS/NZS 4200.1-2017	175N	Min 45N
Edge Tear Lateral Direction	AS/NZS 4200.1-2017	134N	Min 45N
Tensile Strength Machine Direction	AS/NZS 4200.1-2017	3.4 kN/m	N/A
Tensile Strength Lateral Direction	AS/NZS 4200.1-2017,	2.3 kN/m	N/A
Vapour Control	ASTM E96-2016	Class 4 : vapour permeable	Class 1 - 4
Vapour Permeance	ASTM E96-2016	3.967 $\mu\text{g}/\text{N}\cdot\text{s}$	Value
Water Control	AS/NZS 4201.4-1994	Water barrier	Classification
Resistance to Dry Delamination	AS/NZS 4201.1-1994	Pass	Pass
Resistance to Wet Delamination	AS/NZS 4201.2-1994	Pass	Pass
Shrinkage (Repeated wetting & drying)	AS/NZS 4201.3-1994	0.2%	$< 0.5\%$
Electrical Conductivity	AS/NZS 3100	Non conductive	Classification
Emittance Value	AS/NZS 4201.5:1994	Printed side: 0.58, White side: 0.56	Value
Emittance Classification	AS/NZS 4200.1:2017	IR Non-reflective, IR Non-reflective	Classification
Emittance Category	AS/NZS 4200.1:2017	NN	Category

SPECIFICATION NOTES

When specifying, state the following:
Product Name: **ClimaWrap BMX800**

The pliable building membrane to be installed shall be **ClimaWrap BMX800**, very high permeance wall wrap and shall be installed in accordance with AS 4200.2: 2017 Pliable Building Membranes and Underlays, Part 2: Installation.

Emittance Value: 0.58, 0.56
Emittance Classification: IR Non Reflective, IR Non Reflective
Vapour Permeance: 3.967 $\mu\text{g}/\text{N}\cdot\text{s}$
Vapour Control Classification: Class 4
Vapour Permeable Water Control Classification: Water Barrier
Flammability Classification: Low (≤ 5)
Duty Classification: Light Wall in accordance with AS/NZS 4200.1:2017

STORAGE

Product may be stored in a clean, level surface and kept under cover.

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