



MASONS
Designed Smart, Built Tough.

Barricade™

Building Wrap

**“We’re
making this
house nice
and dry.”**



Barricade™

Building Wrap

Product Description

Barricade Wrap is a hydrophobic non-woven fabric that has a unique clear breathable overlay, which allows moisture and condensation to run off the face and then evaporate in the cavity area. It is a high end house wrap widely used in North America.

Advantages

- Barricade Wrap is designed to repel water, avoiding any mould
- Barricade Wrap has a clear film overlay that is designed to provide a consistent breathable surface
- Barricade Wrap's breathable clear film, allows water to simply slide off the fabric
- Barricade Wrap is strong and durable, suitable for all areas of New Zealand including 'Very High' Wind Zones of NZS 3604
- Barricade Wrap is suitable for use with all cladding systems with a cavity
- Barricade Wrap performs over timber or steel framing.
- Barricade Wrap is suitable to be used as a non rigid backing for stucco plaster
- Barricade Wrap is suitable as an Air Barrier on walls that are not lined



Scope Of Use / Applications:

Barricade Wall Wrap has been appraised for use as a flexible wall underlay on timber framed buildings within the following scope:

- the scope limitations of NZBC Acceptable Solution E2/AS1, Paragraph 1.1; and,
- with absorbent wall claddings directly fixed to the frame; and,
- with absorbent and non-absorbent wall claddings installed over an 18mm minimum drained cavity; and,
- with masonry veneer in accordance with NZBC Acceptable Solution E2/AS1; and,
- situated in NZS 3604 Wind Zones up to and including 'Very High'

Barricade Wall Wrap has been appraised for use as a flexible wall underlay on steel framed buildings within the following scope:

- the scope limitations of NZBC Acceptable Solution E2/AS1, Paragraph 1.1; with regards to building height and floor plan area; and,
- with absorbent and non-absorbent wall claddings installed over an 18mm minimum drained cavity; and,
- with masonry veneer in accordance with NZBC Acceptable Solution E2/AS1; and,
- situated in NZS 3604 Wind Zones up to and including 'Very High'

Barricade Wall Wrap has been appraised for use as a flexible wall underlay over rigid wall underlays on timber and steel framed buildings within the following scope:

- the scope limitations of NZBC Acceptable Solution E2/AS1, Paragraph 1.1; and,
- with absorbent and non-absorbent wall claddings installed over an 18mm minimum drained cavity; and,
- with masonry veneer in accordance with NZBC Acceptable Solution E2/AS1; and,
- situated in NZS 3604 Wind Zones up to and including 'Extra High'

Technical Data

Barricade Building Wrap is a 90 gsm hydrophobic nonwoven breathable composite building wrap. The following tests have been carried out in accordance with NZBC Acceptable Solution E2/AS1 Table 23:

- Tensile Strength, edge tear resistance and resistance to water vapour transmission in accordance with AS/NZS 4200.1
- Resistance to water penetration in accordance with AS/NZS 4201.1.4
- Surface Water absorbency in accordance with AS/NZS 4201.6
- Air resistance to BS 6538.3
- Shrinkage in accordance with AS/NZS 4201.3
- pH of extract in accordance with AS/NZS 1301.421s

Barricade Building Wrap has been BRANZ appraised to ensure it meets code compliance with NZBC Clause B2.3.1 (a), not less than 50 years for building wraps used where the cladding durability requirement or expected serviceable life is not less than 50 years.



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Installation Instructions:

- 1** Barricade Wall Wrap must be fixed to all framing members at maximum 300 mm centres with large-head clouts 20 mm long, 6-8 mm staples, self drilling screws or proprietary underlay fixings. The membrane must be pulled taut over the framing before fixing.
- 2** Barricade Wall Wrap must be run horizontally and must extend from the upper-side of the top plate to the under-side of the bearers or wall plates supporting ground floor joists, or below bottom plates on concrete slabs. Horizontal laps must be no less than 75 mm wide, with the direction of the lap ensuring that water is shed to the outer face of the membrane. End laps must be made over framing and be no less than 150 mm wide.
- 3** The wall underlay should be run over openings and these left covered until windows and doors are ready to be installed. Openings are formed in the membrane by cutting on a 45 degree diagonal from each corner of the penetration. The flaps of the cut membrane must be folded inside the opening and stapled to the penetration framing. Excess underlay may be cut off flush with the internal face of the wall frame.
- 4** Barricade Wall Wrap must be restrained from bulging into the drained cavity in accordance with NZBC Acceptable Solution E2/ AS1, Paragraph 9.1.8.5.
- 5** Barricade Wall Wrap can be added as a second layer over head flashings in accordance with the requirements of NZBC Acceptable Solution E2/AS1, Paragraph 9.1.7(e).
- 6** When fixing the product in windy conditions, care must be taken due to the large sail area created by wide roll widths.
- 7** Any damaged areas of Barricade Wall Wrap, such as tears, holes or gaps around service penetrations, must be repaired. Damaged areas can be repaired by covering with new material lapping the damaged area by at least 150 mm and taping, or by taping small tears.

Provided Barricade Wrap is not exposed to the weather or ultra-violet light for a total of more than 42 days, and provided the exterior cladding is maintained in accordance with the manufacturers instructions and the cladding remains weather resistant, the wrap is expected to have a serviceable life equal to that of the cladding.

LIMITATIONS - This underlay is not suitable for use with direct fixed non-absorbent wall cladding, e.g. metal or plastic based claddings.

Handling & Storage

- Barricade Wrap whether on or off site should
- Be stored on end under a cover, in a clean and dry area
 - Do not crush the rolls
 - The rolls must be protected from damage

Convenient sizes for every construction job

Masons Building Wraps	Roll Sizes	Masons Code
Masons Building Wrap - 50m ²	H 2.74 m x L 18.24 m	MPBBW50 2.74m
Masons Building Wrap - 100m ²	H 2.74 m x L 36.49 m	MPBBW100 2.74m
Masons Building Wrap - 100m ²	H 1.37 m x L 73 m	MPBBW100 1.37m
Masons Building Wrap - 50m ²	H 1.37 m x L 36.50 m	MPBBW50 1.37m
Masons Building Wrap - 25m ²	H 1.37 m x L 18.25 m	MPBBW25 1.37m

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1



2



3



MASON'S Barricade™ Building Wrap is a BRANZ appraised wrap that will perform in any area of New Zealand under any cavity-based cladding in up to and including NZS3604 very high wind zones and is weather resistant, durable, and breathable.

Order your FREE sample
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visit **mpb.co.nz**