



# Barricade PLUS™

## Fire Retardant - Building Wrap



Fire retardant

Barricade PLUS Wrap is a non-woven fire retardant, water resistant, breathable synthetic wall underlay for use under direct fixed and non-direct fixed wall cladding on timber framed and steel framed buildings. The product is manufactured from high quality synthetic spun bonded material with high UV qualities and is white.

### Barricade PLUS Building Wrap - Advantages

- *Barricade PLUS Building Wrap* is **fire retardant**
- *Barricade PLUS Building Wrap* is **water resistant**
- *Barricade PLUS Building Wrap* has a consistent **breathable surface**
- *Barricade PLUS Building Wrap* is **absorbent** and can be used with absorbent and non-absorbent cladding.
- *Barricade PLUS Building Wrap* is **strong and durable**, suitable for all areas of New Zealand including up to '**Extra High**' wind zones of NZS 3604
- *Barricade PLUS Building Wrap* is suitable for use with **all cladding systems**
- *Barricade PLUS Building Wrap* performs over **timber or steel** framing.
- *Barricade PLUS Building Wrap* is suitable to be used as a **non rigid backing for stucco** plaster
- *Barricade PLUS Building Wrap* is suitable as an **air barrier** on walls that are not lined
- *Barricade PLUS Building Wrap* has unique **anti fungal** properties

### Scope Of Use / Applications

***Barricade PLUS 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 and non-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 PLUS 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 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 PLUS 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**'



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## Technical Data

*Barricade PLUS Building Wrap* is a 100 gsm non-woven 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 ASNZS 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
- Fire retardant in accordance with AS1530 Part 2 Flammability



*Barricade PLUS Building Wrap* has been Code Mark certified 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.

## Convenient sizes for every construction job

Masons Building Wraps	Roll Sizes	Masons Code
Barricade PLUS Building Wrap - 50m <sup>2</sup>	H 2.74 m x L 18.24 m	MPBUNBW2.74X50
Barricade PLUS Building Wrap - 100m <sup>2</sup>	H 2.74 m x L 36.49 m	MPBUNBW2.74X100
Barricade PLUS Building Wrap - 50m <sup>2</sup>	H 1.37 m x L 36.50 m	MPBUNBW1.37X50
Barricade PLUS Building Wrap - 100m <sup>2</sup>	H 1.37 m x L 73 m	MPBUNBW1.37X100