

MASONS AUST LTD

BARRICADE FR XT

DATA SHEET



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Purpose

Masons Barricade FR XT is a fire-retardant, vapour-permeable flexible building wrap for use as sarking on walls and gables.

When correctly designed and installed, Barricade FR XT helps limit the entry of wind into building cavities, provides a secondary barrier to wind-driven rain and allows water vapour to pass through the building envelope.

Barricade FR XT may be left exposed to natural weathering and UV for up to 90 days prior to the installation of the external cladding.

This product is categorised as follows:

- › Light wall duty
- › Class 4 vapour permeable
- › Water barrier
- › Air barrier
- › Non-reflective
- › Low flammability
- › Non-conductive

Description

Masons Barricade FR XT is a synthetic, tri-laminate flexible building wrap comprising light grey non-woven outer layers bonded to a central functional membrane.

Barricade FR XT has an approx weight of 140 g/m².

The product is light grey and printed with Masons branding. It is supplied in rolls protected by external clear packaging.

Available roll size: 1.5 m x 30m = 45m² per roll

Most sizes available by arrangement.



Scope of Use and Limitations

Masons Barricade FR XT is suitable for installation on the exterior side of timber or steel wall framing. It may be used with:

- › masonry veneer cladding systems
- › absorbent and non-absorbent claddings direct fixed to framing or
- › absorbent and non-absorbent claddings installed over a ventilated and drained cavity
- › wall and gable applications where a flexible, vapour-permeable building wrap is required.

Barricade FR XT is classified as light wall duty and is intended for use on walls and gables only.

Barricade FR XT must be:

- › installed in accordance with AS 4200.2 and the current Masons installation instructions
- › protected from damage during installation and construction
- › covered by the external cladding within the stated 90-day exposure period
- › stored under cover in a clean, dry place

NCC Compliance

When specified, installed and maintained in accordance with the NCC, AS 4200.2 and all current Masons requirements, Barricade FR XT may contribute to the management of external moisture, air movement, condensation and water vapour within wall and gable construction. Project-specific compliance must be confirmed by the building designer.

References

Scion, August 2025. AS 4200.1:2017. Evaluation of SX140 and SX180 Underlays. Report No. 704595.

- › AS 4200.1, Pliable building membranes and underlays – Materials.
- › AS 4200.2, Pliable building membranes and underlays – Installation.
- › AS 1530.2, Methods for fire tests on building materials, components and structures – Test for flammability of materials.
- › AS 3959, Construction of buildings in bushfire-prone areas.



Material Characteristics Table

Characteristic	Relevant Classification or Requirement	Barricade FR XT - Classification
Dry delamination	≤ 3 mm	pass
Wet delamination	≤ 3 mm	pass
Moisture shrinkage (both directions)	$\leq 0.5\%$	Non shrinkable
Folding endurance	$\geq 2.00 \log_{10}(\text{md})$ $\geq 1.70 \log_{10}(\text{cd})$	Pliable
Tensile strength (md) (kN/m)	Light wall n/a	Light wall
Tensile strength (ld) (kN/m)	Light wall n/a	Light wall
Edge tear resistance both directions (N)	Light Wall ≥ 45	Light wall
Burst Strength		Light wall
Emittance classification		Non reflective
Vapour control	Classification	Class 4, vapour permeable
Water barrier Classification 100mm		Pass
Flammability	Low $\leq 5 - 1530.2$	Pass
Resistance to UV exposure	Retains more than 85% mechanical strength	Up to 90 days
Surface water Absorbency g/m^2	Absorbent	Absorbent
Air barrier MN.s/m^3	Air barrier, $\geq 0.1 \text{ MN.s/m}^2$	Air barrier
Thickness	Less than 1mm	0.557mm

Note: Characteristic assumption based on tested performance of other wraps. All wraps manufactured by same company, using same products, to the same standardised processes.

Classification

Barricade FR XT is classified as:

- Absorbent synthetic wall underlay
- Fire-retardant wall underlay
- Air barrier suitable for wall or gable applications



SECTION 1: ADMIN DETAILS

Company name	Masons Aust (NZ) Ltd
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