



WATERGATE^{PLUS} FIRE RETARDANT ABSORBENT PERMEABLE HOUSEWRAP

APPLICATION AND INSTALLATION

Product Description **WATERGATE^{PLUS} Fire Retardant Absorbent Permeable Housewrap** is a coated, non woven polyolefin, specifically designed as a housewrap behind exterior wall claddings.

Product Advantage **WATERGATE^{PLUS}** can be used as a housewrap on timber and steel framed buildings with absorbent and non-absorbent wall claddings direct fixed to framing.



FLAMMABILITY INDEX OF ≤ 5
AS1530: PART 2 1993

NOTE: WATERGATE^{PLUS} MUST NOT BE USED AS A ROOF UNDERLAY.

WATERGATE^{PLUS} can be used in buildings situated in non-cyclonic wind zones up, and including N3.

WATERGATE^{PLUS} will provide temporary weather protection during construction. Translucency of the underlay will enable work to proceed during inclement weather.

WATERGATE^{PLUS} is unaffected by LOSP treated timbers.

FLAMMABILITY

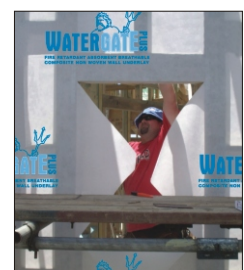
WATERGATE^{PLUS} has a Flammability Index of ≤ 5 and therefore has a Flammability Classification of Low in accordance with AS1530.2.

Application

- Watergate-Plus** must be fixed with printed side out and the non-printed side to the frame.
- Watergate-Plus** is applied to all exterior walls from below bearers to the top plate. Extend 35mm below bottom wall plate or bearer. Always run the **Watergate-Plus** product horizontally.
- Fix securely to the frame with fasteners such as galvanised 6-8mm staples or 20mm large head clouts at 300mm centres horizontally and vertically.
- When using various widths of **Watergate-Plus**, a minimum of 150mm lap is required at joins and all vertical laps must be made over studs. Have the upper sheets lapped over the lower sheets to ensure that direction of laps will allow water to be shed to outside of the **Watergate-Plus** product.
- Make good repairs on any forced tears with **Thermakraft Aluband Window Sealing tape**, **Aluband Xtreme** and **Thermakraft GP** joining tape.
- Ensure **Watergate-Plus** is restrained from budging into a drained cavity.
- Watergate-Plus** is wide enough to come the below the bottom wall plate to the top plate, covering all windows and door openings. Use extra fastenings around each window or door openings cut out.



Fix securely to the frame with fasteners such as 6mm-8mm staples.



On arrival of doors and windows, cut the **WATERGATE^{PLUS}** at each opening on a 45° angle away from each corner. Pull the **WATERGATE^{PLUS}** flaps inside and fasten to inside of frame.

- Thermakraft Aluband Window Sealing System** or **Aluband Xtreme** is recommended as a window flashing tape. Thermakraft window flashing tape provides timber framed joinery openings around windows with a secondary weather resistant barrier.

Note, strictly follow standard AS 4200.2.2017

(Pliable building membranes and underlays – part 2: installation).



FIRE RETARDANT ABSORBENT PERMEABLE HOUSEWRAP

TECHNICAL SPECIFICATIONS

WATERGATE Plus Fire Retardant Absorbent Permeable Housewrap can be used as a wall sarking on buildings within the following scope:

- Class 1 and Class 10 buildings; and,
- Class 2 to Class 9 buildings subject to specific weathertightness design; and,
- constructed with timber framing in accordance with the BCA 2010, or steel framing in accordance with the BCA 2010; and,
- with absorbent and non-absorbent wall claddings directly fixed to framing; and,
- with masonry veneer in accordance with BCA 2010; and,
- situated in non-cyclonic Wind Zones up to and including N3.

WATERGATE Plus has a Flammability Index of ≤ 5 and therefore has a Flammability Classification of Low in accordance with AS1530.2.

AS/NZS 4200: 2017 MATERIAL PROPERTIES		
AS/NZS 4200.1 PROPERTIES	TEST METHOD	AS/NZS 4200.1 CLASIFICATION
Duty	Bursting Strength >200N in accordance with AS2001.2.19	Light (Wall)
Vapour Barrier	ASTM E96 Procedure B	Class 4 Permeable
Emittance	AS/NZS 4201.5	Non-Reflective
Water Barrier	AS/NZS 4201.4	Pass
Absorbency	AS/NZS 4201.6	High
Flammability Index	AS1530: Part 2	Low

Durability

WATERGATE Plus meets the Performance Requirements of BCA 2010 Volume 1 - Class 2 to Class 9 Buildings, Part F1 - Damp and Weatherproofing: Performance Requirement FP1.4:

WATERGATE Plus will contribute to meeting this requirement. BCA 2010 Volume 2 - Class 1 to Class 10 Buildings, Part 2.2 Damp and Weatherproofing: Performance Requirement P2.2.2.

WATERGATE Plus will contribute to meeting these requirements providing:

- it is not damaged
- is installed in accordance to the "APPLICATION and INSTALLATION GUIDELINES"
- it is not left exposed for more than 60 days
- is installed by competent tradesperson with an understanding of wall sarking installation
- is compatible with cladding system used

NOTE: MUST NOT BE USED AS A ROOF UNDERLAY

Storage

WATERGATE Plus must be stored in clean dry conditions and not in an area with direct sunlight.

Roll Dimension 2740mm x 30m = 82m² 1370mm x 36.5m = 50m² 3000mm x 30m = 90m²

Thermakraft™ THERE IS NO SUBSTITUTE

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