

Fire retardant, water resistant, air barrier, vapour permeable underlay.

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Level of assurance needed to demonstrate NZ Building Code Compliance

Supporting documentation should include technical information by manufacturer and either a BRANZ or independent Appraisal or CodeMark



Thermakraft confirms that this minimum level of assurance has been met or exceeded by the following:

CodeMark
[BRANZ-CM-1002-Re](#)
BRANZ Appraisal
[695](#)

Company Contact Details

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Technical Statement

Scope of use

Can be used in residential and commercial.

Can be used with absorbent and non-absorbent wall claddings

Can be direct fixed on to timber and steel framing or in conjunction with an 18mm minimum drained cavity

Can be used with masonry veneer in accordance with NZBC Acceptable Solution E2/AS1 and E2/AS4

Can be used as an air barrier where walls are not lined (attic spaces, gable ends).

Suitable up to and including "Very High". Building Wind Zones of NZS 3604.

Unaffected by LOSP Timber.

CANNOT be used as a roof underlay.

CANNOT be used as a vapour barrier.

New Zealand Building Code (NZBC)

The product will, if employed in accordance with the supplier's installation and maintenance requirements, assist with meeting the following provisions of the building code:

- **Clause B2 Durability:** Performance B2.3.1(a), B2.3.1(b), B2.3.2
- **Clause E2 External moisture:** Performance E2.3.2
- **Clause F2 Hazardous building materials:** Performance F2.3.1

Evidence

The product meets the requirements set out in the following documents, or relevant parts of cited standards within the documents:

Meets the Performance Requirements of NZBC, Branz Appraised, Codemark

Supporting Evidence

The product has and can make available the following additional evidence to support the above statements:



CodeMark
[BRANZ-CM-1002-Re](#)



BRANZ Appraisal
[695](#)

Product Criteria

Design requirements

- Can be used as a wall underlay on timber and steel framed buildings with absorbent and non-absorbent wall claddings direct fixed to framing.
- Can be used as a wall underlay on timber and steel framed buildings with absorbent and non-absorbent wall claddings installed over an 18mm minimum drained cavity.
- Note: must not be used as a roof underlay
- Can be used as an air barrier where walls are not lined e.g attic spaces at gable ends, and is suitable for use in all Building Wind Zones of NZS3604 up to, and including 'Very High'.

- Exposure 90 days
- Available in 1370mm and 2740 mm roll width

Has an AS1530: Part 2 Flammability Index of <5 and meets the requirements of NZBC Acceptable Solution C/AS1 Part 6 Table 6.2 surface finish requirements for suspended flexible fabrics.

Installation requirements

Watergate Plus must be fixed with printed side out and the non-printed side to the frame. Must be applied to all exterior walls from below bearers to the top plate. Fix securely to the frame with fasteners such as galvanized Little Grippers, 6mm-8mm staples or 20mm large head galvanized clouts at 300mm centres horizontally and vertically.

Additional fasteners should be used around each opening to be cut out. If using either 2740mm or 1370mm width, a minimum of 150mm lap is required at joins and all vertical laps must be made over studs. Make good repairs on any forced tears with White GP Tape. Ensure it is wide enough to cover the height of a standard wall from below the bottom plate to the top plate. Initially, cover all windows and door openings. Use extra fastenings around each window or door opening to be cut out. It is recommended that the wall underlay is not cut and prepared for window installation until the arrival of the windows.

Maintenance requirements

No regular maintenance required.

Warrantees

[Thermakraft Warranty Statement](#)

Company Product Information

Environmental

Watergate Plus has no known negative environment conditions

Watergate Plus has no VOCs in manufacture installation or use

Watergate Plus is recyclable at end of life with no harmful residue

Quality Assurance



ISO 9001 (Quality Management)

Relationships



New Zealand Made



Member of New Zealand Green Building Council



Date last validated: **07 December 2021**



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