



Thermakraft™

THERMAKRAFT213

Thermakraft 213 Bituminous Heavy Weight Building Paper is specifically designed for use in Domestic and Commercial type buildings. Suitable as a wall and roof underlay with all cladding types, where Fire Retardancy is NOT required.

- ✓ Versatile building underlay, designed for use in residential and commercial wall and roof applications.
- ✓ Reduces wind entry into wall and roof cavities, improving thermal efficiency of bulk insulation.
- ✓ Provides for temporary weather protection prior to installation of wall cladding.
- ✓ Highly water vapour permeable, allowing excess water vapour that may otherwise condense in the wall structure to escape.
- ✓ Lap line printed.



Water Resistance



Breathable



Absorbent



WALL



ROOF

BITUMINOUS UNDERLAY

THERMAKRAFT 213

TECHNICAL SPECIFICATIONS

NZBC E2/AS1 WALL UNDERLAY REQUIREMENTS

NZBC E2/AS1 TABLE 23 (NZS2295) ROOF UNDERLAY PROPERTIES	PROPERTY PERFORMANCE REQUIREMENTS	PROPERTY PERFORMANCE
Absorbency	≥ 150gsm	Pass
Vapour Resistance	≤ 7 MN.s/g	Pass
pH of Extract	≥ 5.5 and ≤ 8	Pass
Shrinkage	" 0.5%	Pass
Water Resistance	≥ 100mm	Pass
NZS2295:2006 CLASSIFICATION		
Flammability Index		Non Fire Retardant
Wind Zone	R1	Up to Very High
NZS2295:2006 Index	R1	Heavy Weight

NOTE:

For wall cavity systems, NZBC Acceptable Solution E2/AS1 Paragraph 9.1.5.5 requires where stud spacing's are greater than 450mm centres, an intermediate means of restraining the building underlay and insulation from bulging into the drained cavity shall be installed. An acceptable means of achieving this is by fixing with Thermakraft Stud Strap horizontally at 300mm centres.

Thermakraft 213 Bituminous Heavy Weight Building Paper complies with the requirements of NZBC E2/AS1 Table 23. Is suitable for use in the following:

- With absorbent wall claddings directly fixed to timber and steel framing; and,
- With non-absorbent wall claddings directly fixed to timber and steel framing; and,
- With absorbent and non-absorbent wall claddings installed over an 18mm minimum drained cavity;
- With masonry veneer in accordance with NZS 3604; and,
- Situated in NZS3604 Building Wind Zones up to, and including 'Very High' (wall)
- As a roof underlay at pitches 10° and greater, when supported, in all wind zones
- As a roof underlay suitable for use with all Roofing materials.

Wall

- Is suitable for use in all Wind Zones of NZS 3604 up to, and including, "Very High", when used as standalone flexible underlay, and Extra High when used as a flexible underlay over a rigid wall underlay.

Roof

- Requires support at all pitches.

Flammability Index

Thermakraft 213
is not fire retardant.



Roll Dimensions:

1370mm x 18.5m (25m²)
1370mm x 36.5m (50m²)
1370mm x 73m (100m²)
M2 is the roll size for
actual coverage, allow
for laps and joins.

DURABILITY

For Thermakraft 213 to meet the Performance Requirements of NZBC Clause B2, Durability B2.3.1 (a) 50 years and B2.3.1 (b) 15 years, E2 External Moisture providing:

- Installed in accordance to the Application and Installation Guidelines.
- Run length no greater than 10 meters.
- Is not left exposed for more than (7 days) roof.
- Is not left exposed for more than (28 days) wall.
- Is not suitable as an air barrier in unlined wall spaces.
- Not recommended for use on LOSP treated timber, if used the timber must be free of solvent.
- Installed by or under guidance of Licensed Building Practitioners.
- Installed in accordance with the Roofing Code of Practice.



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The recommendations contained in Thermakraft's literature are based on good building practice, but are not an exhaustive statement of all relevant information and are subject to any conditions contained in the Warranty. All product dimensions and performance claims are subject to any variation caused by normal manufacturing process and tolerances. Furthermore, as the successful performance of the relevant system depends on numerous factors outside the control of Thermakraft (for example quality of workmanship and design), Thermakraft shall not be liable for the recommendations in that literature and the performance of the Product, including its suitability for any purpose or ability to satisfy the relevant provisions of the Building Code, regulations and standards. Literature subject to change without notification. Latest documentation can be found on the website.