

Fire retardant synthetic roof and wall underlay. Absorbent, breathable, not self supporting

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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

[GM-CM30069-RevD](#)

BRANZ Appraisal

[917](#)

Company Contact Details

Thermakraft

Company: Thermakraft Ltd

Physical Address: 11 Turin Place
East Tamaki
AUCKLAND

Postal Address: PO Box 58112
Botany
AUCKLAND

Telephone: 64 09 2733727

Fax: 64 09 2733726

Email: info@thermakraft.co.nz

Website: www.thermakraft.co.nz

Technical Statement

Product Description

Consists of a micro-porous water resistant film, sandwiched between two layers of shrink resistant spun-bonded polyolefin. In Roof Applications - Intended for use as a alternative to conventional kraft paper roof underlay, which are fixed over timber or steel framed roofs and to assist in the moisture management of roof cladding systems. In Wall Applications - Intended for use as an alternative to conventional kraft paper wall underlays, which are fixed over timber or steel frame walls in order to limit the entry of wind into building cavities.

Scope of use

Covertex 403 Fire retardant absorbent breathable synthetic non-woven roof underlay can be used as a roof underlay on 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 masonry tile roof cladding; and,
- with metal tile and profiled roof cladding; and,
- situated in NZS 3604 Building Wind Zones up to, and including "Very High" when used in walls. May be used in all wind zones including "Extra High" when used as a roof underlay

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 C3 Fire affecting areas beyond the fire source:** Performance C3.4(c)
- **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:

Compliance Roof Application

Can be used as a roof underlay within the scope limitations of NZBC Acceptable Solution E2/AS1, Paragraph 1.1, with regards to building height and floor plan area. Refer BRANZ Appraisal No 918 (2016) and CodeMark certificate for full details.

Wall Application

Can be used as a wall underlay within the scope limitations of NZBC Acceptable Solution E2/AS1, Paragraph 1.1, with regards to building height and floor plan area. Refer BRANZ Appraisal No 918 (2016) for full details. Flammability Index Thermakraft Covertex 403 Underlay has an AS 1530 Part 2 Flammability Index of not greater than 5 and therefore meets the requirements of NZBC Acceptable Solutions C/AS2 to C/AS6, Paragraph 4.17.8 b), for the surface finish requirements of suspended flexible fabric used as an underlay to exterior cladding that is exposed to view in occupied spaces. It may therefore be used with no restrictions in all buildings.

Supporting Evidence

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

CodeMark



[GM-CM30069-RevD](#)



BRANZ Appraisal
[917](#)

Product Criteria

Design requirements

Roof Application

Pitch of 10 degrees or more. Use with masonry tile, metal tile and profiled metal roof cladding. Covertex 403 is not self supporting). Will provide temporary weather protection during construction maximum 7 days for roof application, same day coverage recommended. Do not use under clear sheeting.

Wall Application • Can be used with timber and steel framing, either directly fixed or in conjunction with an 18mm minimum drained cavity. Can use with absorbent or non-absorbent wall claddings. Is suitable as an air barrier in unlined wall spaces. Will provide temporary weather protection during construction, (maximum 42 days for wall application.

For additional information or advice www.thermakraft.co.nz

Installation requirements

Refer to PDF downloads for Covertex 403 www.thermakraft.co.nz

Warrantees

Click [here](#) to download the Thermakraft warranty statement.

Company Product Information

Environmental

Covertex has no known negative environment conditions

Covertex has no VOCs in manufacture installation or use

Covertex is recyclable at end of life with no harmful residue

Quality Assurance



ISO 9001 (Quality Management)

Relationships



Member of New Zealand Green Building Council



New Zealand Made

Brnz 917



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