

Affordable lightweight self supporting synthetic roof underlay. Available 2700 wide

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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:

BRANZ Appraisal

[943](#)



Company Contact Details

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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

Suitable for use with masonry tile, metal tile and profiled metal roof cladding

Suitable for timber or steel framed buildings

Direct fix or cavity fix

Self supporting in roof pitch applications greater than 10 degrees

Exposure time 7 days

May be installed in adverse conditions (rain/snow) without affecting durability or performance

Suitable for use under dark roofs

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 requirements of the New Zealand Building code

Supporting Evidence

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



BRANZ Appraisal

[943](#)

Product Criteria

Design requirements

Covertex 401 is NOT fire retardant.

Can be used on roofs situated up to and including Extra High wind zones

Self Supporting in a roof pitch application greater than 10 degrees

Installation requirements

DOMESTIC LONG-RUN METAL ROOFING INSTALLATION METHOD

Can be direct or cavity fixed and must be installed in a manner that prevents ponding of water.

Below 10° Thermakraft may be run horizontally without support Minimum roof pitch for Thermakraft 401 is 3 degrees

Must be laid firmly (tight) without creases.

All laps either vertical or horizontal must have a minimum of 150mm lap. To achieve a lap seal (refer to NZ Metal Roofing Code of Practice 4.3.8 and 4.3.9) Thermakraft white general purpose tape if required.

Fix using stainless steel 8-12mm staples or 20mm flat head clouts, or appropriate proprietary fastenings, at 300 centres.

Can move downwards. To prevent this, it must be "Captured" by the fastenings at each purlin. Horizontal fix must not be used on purlin distance greater than 1200mm to allow for 150mm laps

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



Date last validated: **17 December 2021**



Date last updated: **17 December 2021**

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