

Certificate no: CMNZ30028

Version: K

Original issue date: 29 June 2016

Version date: 24 February 2026

Renewal Date: 01 July 2028

1. Certificate Holder Details



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2. Product Certification Body

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Complaints: The complaints process for this certificate can be found here:
www.global-mark.co.nz/complaints

Global-Mark Managing Director.

Herve Michoux



Product Certificate

Thermakraft Covertex 407 Roof and Wall Underlay

3. Description of Building Method or Product

Thermakraft Covertex 407 Roof and Wall Underlay is a synthetic, fire retardant, absorbent, breathable building underlay for use under roof and wall claddings. The product consists of a micro-porous water-resistant film laminated between two layers of non-woven spun-bonded polyolefin. Thermakraft Covertex 407 Roof and Wall Underlay is coloured white on the top and bottom faces with red Covertex 407 branding on the exposed face.

4. Intended use of Building Method or Product

Thermakraft Covertex 407 Roof and Wall Underlay is a heavy-duty self-supporting underlay for use in internally lined areas under roof and wall claddings. Thermakraft Covertex 407, when used as a wall underlay, is suitable for use as temporary weather protection (Early Close Applications) for up to 120 days to allow works to continue inside the building without the exterior wall cladding fully in place.

5. New Zealand Building Code Provisions

The System if designed, used, installed and maintained in accordance with the conditions of this Certificate will comply with or contribute to compliance with the following performance provisions of the NZ Building Code:

| | |
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| Clause B2 DURABILITY: | Performance B2.3.1(a), not less than 50 years, B2.3.1(b), 15 years and B2.3.2. |
| Clause C3 FIRE AFFECTING AREAS BEYOND THE FIRE SOURCE: | Performance C3.4 (c). |
| Clause E2 EXTERNAL MOISTURE: | Performance E2.3.2 (contributes to), E2.3.5 (contributes to), E2.3.6 (contributes to) and E2.3.7 when used as part of the roof or wall cladding system. |
| Clause F2 HAZARDOUS BUILDING MATERIALS: | Performance F2.3.1. |

6. Conditions and Limitations of Use

1. Thermakraft Covertex 407 Roof and Wall Underlay use is certified
 - a. as a self-supporting roof underlay on buildings:
 - i. within the scope limitations of NZBC Acceptable Solution E2/AS1, Subsection 1.1.1 with regards to building height and floor plan area; and,



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- ii. with
 - 1. masonry tile roof cladding; or,
 - 2. with metal tile roof cladding or
 - 3. profiled metal roof cladding; and,
- iii. situated in NZS 3604 and NASH Standard Part 2 wind zones up to and including Extra High.
- iv. with a roof pitch of 3° and above
- b. as a flexible wall underlay for buildings:
 - i. within the scope limitations of
 - 1. NZBC Acceptable Solution E2/AS1, Subsection 1.1.1 for timber-framed buildings; or,
 - 2. NASH Building Envelope Solutions, Paragraph 1.1 for steel-framed buildings; and,
 - ii. with absorbent or non-absorbent wall claddings either direct fixed or installed over an 18 mm minimum drained cavity; or,
 - iii. with masonry veneer in accordance with
 - 1. NZBC Acceptable Solution E2/AS1 for timber-framed buildings or
 - 2. NASH Building Envelope Solutions; and,
 - iv. situated in
 - 1. NZS 3604 and NASH Standard Part 2 wind zones up to, and including, Very High; or,
 - 2. NZS 3604 and NASH Standard Part 2 wind zones up to, and including, Extra High when used over a rigid wall underlay in accordance with NZBC Acceptable Solution E2/AS1 or NASH Building Envelope Solutions.
- 2. Thermakraft Covertex 407 Roof and Wall Underlay shall be used and installed in accordance with all relevant technical information relating to the products use contained within Kingspan- Product data Sheet - Thermakraft Covertex 407 Heavy duty self-supporting roof and wall underlay (Issue 10.0, January 2026) and Kingspan- Standard Installation Guide - Thermakraft Covertex 407 Heavy duty self-supporting roof and wall underlay (Issue 6.0, January 2026) and Kingspan- Early Close Installation Guide - Thermakraft Covertex 407 Heavy duty self-supporting roof and wall underlay (Issue 1.0, January 2026).
- 3. Thermakraft Covertex 407 Roof and Wall Underlay must not be exposed to the weather or ultraviolet light before being covered for a total of more than:
 - a. 30 days when used as a roof underlay
 - b. 120 days when used as a wall underlay.
- 4. Thermakraft Covertex 407 Roof and Wall Underlay must not be used in any unlined applications (except in spaces without any permanent openings to allow entry of natural light e.g. attic spaces at gable ends), including but not limited to sheds, warehouses, garages, canopies, soffits and lean-to designs.
- 5. Thermakraft Covertex 407 Roof and Wall Underlay must be separated or protected from heat sources such as fireplaces, heating appliances, flues and chimneys.

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6. When used as a roof underlay,
 - a. Thermakraft Covertex 407 Roof and Wall Underlay can be installed vertically or horizontally and must span no greater than 1200 mm in one direction between framing supports without additional underlay support. All underlay supports must be corrosion resistant material.
 - b. In addition, at roof pitch less than 10°, the underlay must be installed horizontally unless installed over a roof underlay support.
7. When used as a wall underlay, in cavity installations where the cavity battens are installed at greater than 450 mm centres, Thermakraft Covertex 407 Roof and Wall Underlay must be restrained between the battens to prevent the underlay bulging into the cavity space when bulk insulation is installed in the wall frame cavity.

7. Health and Safety Information

Standard industry safety practices and manufacturer safety requirements as detailed in the technical literature including the applicable SDS must be observed at all times. When fixing the product in windy conditions, care must be taken due to the large sail area created.

8. Basis for Certification

The certification decision is based on independent technical review(s) of test report(s), engineering opinion(s) and other documented evidence(s), factory audit(s) and site review(s)

| Code Objective Clause | Compliance pathway |
|---|--|
| Clause B2 DURABILITY | Verification Method - Test reports |
| Clause C3 FIRE AFFECTING AREAS BEYOND THE FIRE SOURCE | Acceptable solution - Test report |
| Clause E2 EXTERNAL MOISTURE | Alternative solution - Expert judgement supported by testing |
| Clause F2 HAZARDOUS BUILDING MATERIALS | Alternative solution - Expert judgement |

9. Supporting Documentation for Certification

| Nb | Author | Description | Date and/or Revision |
|-----|--------|--|----------------------|
| 001 | BRANZ | Thermakraft Covertex 407 Roof and Wall Underlay - BRANZ Appraisal No. 651 (2025) Amended 1 July 2025 | 1 July 2025 |



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| 002 * BRANZ | BRANZ Appraisals Means of Compliance – Basis of Appraisal - Thermakraft Covertex 407 Roof and Wall Underlay BRANZ Appraisal No. 651 (2019) | 11488-006 |
| 003* BRANZ | Test Report DC18727-27-1 – Report on Testing of Kingspan Thermakraft Covertex 407 | 23 December 2025 |
| 004 Kingspan | Product Data Sheet – Thermakraft Covertex 407 Heavy duty self-supporting roof and wall underlay | Issue 10.0, January 2026 |
| 005 Kingspan | Standard Installation Guide - Thermakraft Covertex 407 Heavy duty self-supporting roof and wall underlay | Issue 6.0, January 2026 |
| 006 Kingspan | Early Close Installation Guide - Thermakraft Covertex 407 Heavy duty self-supporting roof and wall underlay | Issue 1.0, January 2026 |
| 007 Kingspan | Thermakraft Covertex Safety Data Sheet | Issue 5.0, April 2024 |

* These documents were provided commercial in confidence and are not publicly available

10. Supporting Information About Description (Optional)

Thermakraft Covertex 407 Roof and Wall Underlay is supplied in rolls 1.250 m wide x 20 and 40 m long, 2.550m wide x 29.5m long and 2.740 m wide x 18.3 m long. Other customized roll sizes and prints are available on application. The product is printed with the Thermakraft Covertex 407 logo repeated along the length of the roll. The rolls are wrapped in clear polythene film.

Accessories used with Thermakraft Covertex 407 Roof and Wall Underlay which are supplied by the installer are:

- Fixings - stainless steel staples, clouts, screws or proprietary underlay fixings, or other temporary fixings to attach the roof underlay to the framing.
- Wall underlay restraint (timber frame) – polypropylene strap, 75 mm galvanised mesh or galvanised wire, or vertical cavity battens where required to restrain the wall underlay in accordance with NZBC Acceptable Solution E2/AS1
- Wall underlay restraint (steel frame) – polypropylene strap, 75 mm galvanised mesh or galvanised wire, or vertical cavity battens where required to restrain the wall underlay in accordance with NASH Building Envelope Solutions:
- Thermal break sheathing (steel framing) – in accordance with NASH Building Envelope Solutions.

11. Supporting Information About Intended Use (Optional)

Thermakraft Covertex 407 Roof and Wall Underlay is intended for use as an alternative to conventional kraft paper roof and wall underlays. Thermakraft Covertex 407 Roof and Wall Underlay is suitable for use under wall claddings as a wall underlay on timber-framed buildings



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and on steel-framed buildings, including non-absorbent wall claddings such as vinyl and metal-based weatherboards in direct fixed situations.

Thermakraft Covertex 407 Roof and Wall Underlay is suitable for use as an air barrier where walls are unlined in spaces without any permanent openings to allow entry of natural light (e.g. attic spaces at gable ends), in accordance with NZBC Acceptable Solution E2/AS1 or NASH Building Envelope Solutions

When installed using the Standard Installation Guide the material also provides a degree of temporary weather protection during early construction, but the product will not make the building weathertight. Some wetting of the underlying structure is always possible before the cladding is installed. Hence, the entire building must be closed in and made weatherproof before moisture sensitive materials such as ceiling linings and insulation materials are installed.

When installed using the Early Close Installation Guide, interior work on the building can continue for 120 days before the external cladding is installed subject to the roof cladding, soffit linings, windows and doors being installed.

12. Supporting Information About Conditions and Limitations of Use (Optional)

When the Early Close option is followed the Early Close Installation Guide must be used and the Certificate of Installation must be completed and sent to Thermakraft.

All CodeMark certificates that are current must be registered with MBIE. MBIE maintains a register of valid product certificates. [Please find the register here.](#)

If the certificate is not listed on this register or it appears as (SUSPENDED), it is not a valid CodeMark certificate and does not have to be accepted by a building consent authority as establishing compliance with the New Zealand Building Code.