

Self supporting synthetic roof underlay. Not fire retardant.

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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



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

BRANZ Appraisal

[943](#)



The following information has been provided by Kingspan Thermakraft demonstrating how this product complies with the [Building Product Information Requirements](#).

## Technical Statement

### Product Class

CLASS 1

### Product Description

Covertex 401 is an affordable lightweight roof and wall underlay designed to keep water out and allow moisture to escape. Covertex 401 is a more affordable option if your project does not require a fire-retardant underlay. It is stable, shrink resistant, easy to handle and easy to install.

### Scope of use

#### Roof Application

- Suitable with masonry tile, metal tile and profiled metal roof cladding.
- Suitable for timber or steel framed buildings.
- Self-supporting in roof pitch application greater than or equal a 10 degrees (Refer to installation guide)
- Will provide temporary weather protection during construction (maximum 7 days), same day coverage recommended.
- Covertex 401 may be installed during adverse conditions (rain/snow) without affecting durability or performance.
- Suitable for use under dark coloured roofs.

#### Wall Application

- Can be used with timber and steel framing, either direct or in conjunction with an 18mm minimum drained cavity.
- Suitable with absorbent (e.g. timber, brick or fibre cement) or non-absorbent wall claddings (e.g. metal or plastic).
- Suitable with masonry veneer in accordance with NZBC Acceptable Solution E2/AS1 or NASH Building Envelope Solutions.
- Is suitable for use in Wind Zones of NZS 3604 up to and including 'Very High' when used as a standalone flexible underlay, and 'Extra High' when used as a flexible underlay over a rigid wall underlay.
- Is suitable as an air barrier in unlined wall spaces.
- Will provide some temporary weather protection during construction (maximum 60 days for wall application).

### 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, B2.3.1(a), B2.3.1(b)

Clause B2 DURABILITY: Performance B2.3.1 (a) not less than 50 years, B2.3.1 (b) 15 years and B2.3.2. Covertex 401 Roof Underlay meets these requirements.

- **Clause E2 External moisture:** Performance E2.3.2

Clause E2 EXTERNAL MOISTURE: Performance E2.3.2. When used as part of the roof cladding system, Covertex 401 Roof Underlay contributes to meeting this requirement.

- **Clause F2 Hazardous building materials:** Performance F2.3.1

Clause F2 HAZARDOUS BUILDING MATERIALS: Performance F2.3.1. Covertex 401 Roof Underlay meets this requirement.



**masterspec partner**

#### Company Contact Details



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## Notes

Contributes to meeting the Performance Requirements of NZBC Clauses B2, Durability (B2.3.1 (a) 50 years, B2.3.1 (b) 15 years and B2.3.2), E2 External Moisture E2.3.2) and F2 Hazardous Building Materials F2.3.1, providing:

- It is not damaged.
- Is installed in accordance with instructions.
- Is not left exposed for more than 7 days (roof), same day coverage recommended.
- Is not left exposed for more than 60 days (wall).
- Is installed by or under guidance of Licensed Building Practitioners.
- Is compatible with cladding system used.\*

\* Note: specifiers and product user must test for wall cladding system compatibility with the underlay before installation.

## Evidence

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

Roof Application:

Designed for use as a roof underlay 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.
- Situated in NZS3604 Wind Zones up to, and including, 'Extra High' (ROOF ONLY).

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.
- Or within the scope limitations of NASH Building Envelope Solutions, Paragraph 1.1 for steel framed buildings.

Refer BRANZ Appraisal No 943 (2021) for full details.

## 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 Data Sheet](#)

### Installation requirements

[Covertex 401 Install Guide](#)

### Maintenance requirements

No regular maintenance required.

### Warranties

[Kingspan Thermakraft Warranty Statement](#)

## Company Product Information

### Quality Assurance



ISO 9001 (Quality Management)

### Relationships



Member of New Zealand Green Building Council



New Zealand Made

## Building Product Information Requirements

### Manufacturer

**Legal Trading Name:**

Kingspan Insulation New Zealand Ltd

**Business Email:**

# Kingspan Thermakraft Covertex 401

Product Technical Statement: 113295



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**Company Website:**

[www.kingspaninsulation.co.nz](http://www.kingspaninsulation.co.nz)

**Contact Number/s:**

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**Product Identifier**

TH4011350025 TH4011350050 TH4011350075 TH4012700090

**Warnings**

This product has no warnings associated with it.



Date last validated: **29 April 2025**



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