

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

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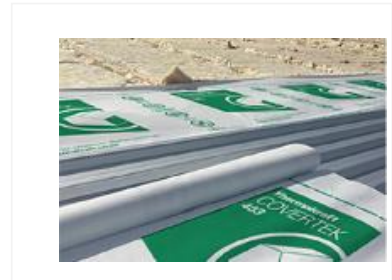
## Level of assurance needed to demonstrate NZ Building Code Compliance

Supporting documentation should include self-assessment and technical information by manufacturer



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

CodeMark  
[CMNZ 30069 RevG](#)  
BRANZ Appraisal  
[917](#)



## masterspec partner

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## Technical Statement

### Product Description

Covertex 403 is a fire retardant, light weight roof and wall underlay designed as a means of managing condensation, water vapour transfer and water ingress. Primarily developed as a roof underlay, Covertex 403 can also be used on walls if you are after a one stop solution. It is not self-supporting as a roof underlay and is a more affordable option where a supporting component is to be installed in the building.

### Scope of use

#### Roof Application

- Suitable with masonry tile, metal tile and profiled metal roof cladding.
- Can be used on roofs up to and including NZS 3604 'Extra High' wind zones.
- Covertex 403 requires underlay support (not self-supporting).
- Will provide temporary weather protection during construction (maximum 7 days roof application), same day coverage recommended.

#### Wall Application

- Can be used with timber and steel framing, either directly fixed or in conjunction with an 18mm minimum drained cavity.
- With absorbent claddings (e.g. timber, brick or fibre cement) or non-absorbent wall claddings (e.g. metal or plastic).
- 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 42 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(a), B2.3.1(b), B2.3.2  
Clause B2 DURABILITY: Performance B2.3.1 (a), not less than 50 years, B2.3.1 (b), 15 years and B2.3.2.  
Kingspan Thermakraft Covertex 403 Roof and Wall Underlay meets these requirements.
- **Clause C3 Fire affecting areas beyond the fire source:** Performance C3.4(c)  
Clause C3 FIRE AFFECTING AREAS BEYOND THE FIRE SOURCE: Performance C3.4 (c).  
Kingspan Thermakraft Covertex 403 Roof and Wall Underlay meets this requirement.
- **Clause E2 External moisture:** Performance E2.3.2  
Clause E2 EXTERNAL MOISTURE: Performance E2.3.2. When used as part of the roof or wall cladding system, Kingspan Thermakraft Covertex 403 Roof and Wall Underlay will contribute to meeting this requirement.
- **Clause F2 Hazardous building materials:** Performance F2.3.1  
Clause F2 HAZARDOUS BUILDING MATERIALS: Performance F2.3.1. Kingspan Thermakraft Covertex 403 Roof and Wall Underlay meets this requirement.

## 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 917 (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 917 (2020) and CodeMark CMNZ 30069 RevG.

Flammability Index 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  
[CMNZ 30069 RevG](#)



BRANZ Appraisal  
[917](#)

## Product Criteria

### Design requirements

[Covertex 403 Data Sheet](#)

### Installation requirements

[Covertex 403 Install Guide](#)

### Maintenance requirements

No regular maintenance required.

### Warrantees

[Kingspan Thermakraft Warranty Statement](#)

## Company Product Information

### Quality Assurance



ISO 9001 (Quality Management)

### Relationships



Member of New Zealand Green Building Council



New Zealand Made



Date last validated: **09 October 2023**



Date last updated: **09 October 2023**

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