

Multi-Fit Pipe and Cable penetration seals

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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:

BRANZ Appraisal

[942](#)



**masterspec partner**

### Company Contact Details



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## Technical Statement

### Product Description

OneSeal is a unique multi-fit system providing air and water resistance for pipes and cables. OneSeal is simple to install, extremely airtight and provides high strength adhesion to a wide range of substrates. Remove the guesswork and be sure that you'll always have the right size for the job. BRANZ appraised, compatible with most building membranes and rigid air barriers. Easy to install – no need for special tools, glue or tapes.

### Scope of use

For use on timber and steel frame buildings to provide pipes and cables with an airtight solution when passing through wall underlay

OneSeal Multi-fit Pipe and Cable Penetration Seals have been tested and appraised for a maximum 180 days weather exposure when used on James Hardie Rigid Air Barriers (RAB).

Do not install at temperature of less than -10C.

Once fitted, OneSeal Multi-fit Pipe and Cable Penetration Seals can withstand temperatures of -40C to +80C.

The performance of the OneSeal product relies on the correct size being selected for the pipe or cable penetration being sealed, and the seal being fully adhered to the wall 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(b), B2.3.2  
Clause B2 DURABILITY: Performance B2.3.1 (b) 15 years and B2.3.2. OneSeal Multi-fit Pipe and Cable Penetration Seals meet these requirements.
- **Clause E2 External moisture:** Performance E2.3.2  
Clause E2 EXTERNAL MOISTURE: Performance E2.3.2. When used as part of the wall cladding system, OneSeal Multi-fit Pipe and Cable Penetration Seals contribute to meeting this requirement.
- **Clause F2 Hazardous building materials:** Performance F2.3.1  
Clause F2 HAZARDOUS BUILDING MATERIALS: Performance F2.3.1. OneSeal Multi-fit Pipe and Cable Penetration Seals meet this requirement.

### Evidence

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

OneSeal Multi-fit Pipe and Cable Penetration Seals when used with flexible and rigid wall underlays, provides an alternative solution to the pipe and service penetration detailing specified in the NZBC Acceptable solution E2/AS1. OneSeal Multi-fit Pipe and Cable Penetration Seals provide suitable flashing and sealing around pipe and cable penetrations when used in conjunction with BRANZ Appraised wall underlays, and will contribute to the wall cladding meeting code compliance with NZBC Clause E2.3.2. Meets the Performance Requirements of NZBC Clauses B2, Durability B2.3.1 (b) 15 years and B2.3.2, E2 External Moisture, and F2 Hazardous Building Materials F2.3.1. Refer to BRANZ Appraisal 942 [2017] for further details.

### Supporting Evidence

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

BRANZ Appraisal



942

## Product Criteria

### Design requirements

[OneSeal Data Sheet](#)

### Installation requirements

[OneSeal 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



Date last validated: **09 October 2023**



Date last updated: **09 October 2023**

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