PRODUCT
DATA SHEET

Thermakraft™
ONESEAL
Penetration
Seals




# Thermakraft™ ONESEAL®

## Multi-fit pipe and cable wall penetration seals

Kingspan Thermakraft OneSeal is a unique multi-fit system providing air and water resistance for pipes and cables. OneSeal is simple to install and provides adhesion to a 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.

BRANZ Appraised
Appraisal No. 942

Kingspan®

# OneSeal®

## Multi-fit pipe and cable penetration seals

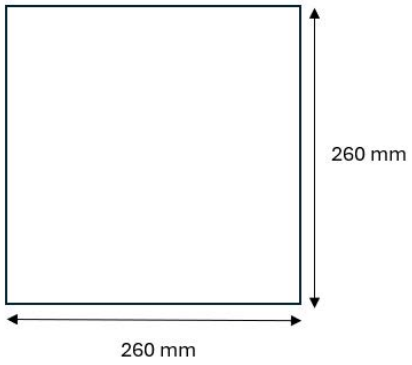
### Product Description

OneSeal Multi-fit Pipe and Cable Penetration Seals are manufactured with a soft and flexible 1.2mm thick EPDM fabric supplied with pre-notched ring markings. The perimeter of the seal is coated with a high-performance adhesive, which is bonded to the wall underlay.

### Product Sizes

Large size







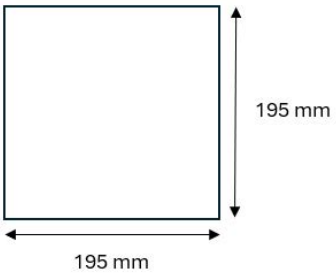


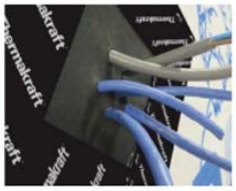


**Pipe Seals:** Four pre-notched rings for pipes sized from 15mm to 110mm diameter.

Small size








**Cable Seals:** Pre-notched holes to accommodate:

- 1 x 55mm to 80mm diameter trunking/conduit; OR
- 2 x 10mm to 22mm diameter cables; and
- 4 x 7mm to 10mm diameter cables.

**ONESEAL Dimensions**

| Product Code | Width | Length |
|---|---|---|
| TKS26001 - Thermakraft Multi Fit Pipe Seal | 260mm wide | 260mm long |
| TKS19501 - Thermakraft Multi Fit Pipe Seal | 195mm wide | 195mm long |

# OneSeal®

## Multi-fit pipe and cable penetration seals

### 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.

### General

OneSeal Multi-fit Pipe and Cable Penetration Seals are not subject to a warning or ban under section 26 of the Building Act 2004 when used as per the product scope.

### Limitations

- 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).
- OneSeal Multi-fit Pipe and Cable Penetration Seals must NOT be exposed to the weather or ultra violet light for more than 120 days when used on flexible underlays.
- OneSeal Multi-fit Pipe and Cable Penetration Seals must NOT be installed at temperature of less than -10C. Once fitted, OneSeal Multi-fit Pipe and Cable Penetration Seals can withstand temperatures of -30C 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.

### Compliance

- 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, Paragraph 9.1.8.3 and Figure 9.1.8.3A.
- 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 for further details.

### Product Warranty

Standard Kingspan Insulation Warranty applies. Refer to Kingspan Insulation Warranty statement for further details. This is available online at **thermakraft.co.nz** or call **0800 806 595.**

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Appraisal No. 942

**0800 806 595**
**www.thermakraft.co.nz**

Thermakraft and Ausmesh products are brought to you by Kingspan Insulation NZ Limited.

The recommendations contained in Kingspan's literature are based on good building practice, but are not an exhaustive statement of all relevant information and are subject to any conditions contained in the Warranty. All product dimensions and performance claims are subject to any variation caused by normal manufacturing process and tolerances. Furthermore, as the successful performance of the relevant system depends on numerous factors outside the control of Kingspan (for example quality of workmanship and design), Kingspan shall not be liable for the recommendations in that literature and the performance of the Product, including its suitability for any purpose or ability to satisfy the relevant provisions of the Building Code, regulations and standards. Literature subject to change without notification. Latest documentation can be found online. E&OE.

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