

INSTALLATION GUIDE

Thermakraft™
ONESEAL
Penetration Seals

Thermakraft
ONE WRAP SYSTEM
10 Products - One system
One warranty

Thermakraft™ ONESEAL®

Multi-fit pipe and cable wall penetration seals

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.

BRANZ Appraised
Appraisal No. 942

Kingspan®

OneSeal®

Multi-fit pipe and cable penetration seals

Product usage

OneSeal seals are installed directly on the building underlay and do not require any special tools. OneSeal seals comes with self-adhesive and installed without any need for sealing, glue, jointing or tape.

Note: When OneSeal is installed as per Kingspan's installation instructions and BRANZ Appraisal No.942, the product will meet the requirements of the New Zealand Building Code B2 Durability, E2 External Moisture, and F2 Hazardous Building Materials.

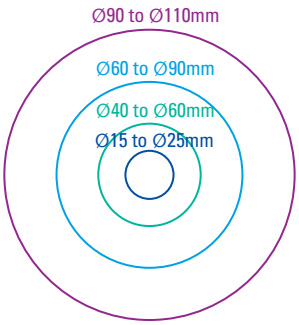
Application Method

See step by step illustrated installation guide below.

- Surfaces to be clean and sound, dust-free and dry prior adhesion.
- Ensure the correct size opening is selected, see size table. The pipe or cable must be a tight fit in the pre-notched hole.
- Care to be taken when removing the required section to prevent damage to the seal.
- Install in a diamond pattern to ensure ease of water run-off.
- Due to the high strength adhesive ensure correct positioning prior to adhering to the surface.
- Installation temperatures from -10 °C.
- Maximum weather exposure when OneSeal Multi-fit Pipe and Cable Penetration Seals are used on:
  - James Hardie Rigid Air Barrier (RAB) – 180 days
  - Flexible underlays – 120 days

Application Tip: Rectangular penetrations must be sealed using tape between the pipe and seal.



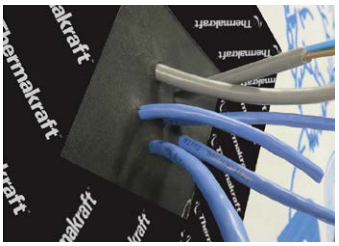


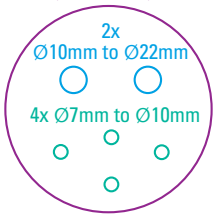
Sizes

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

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.







Remove the required section, ensure the section is as per the sizing chart.



Tear once across the backing paper, place over the pipe or cable, and push to the underlay.



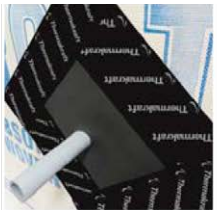
Position seals in a diamond shape. Take care to position the seal correctly.



From the pre torn section carefully peel back the backing and work onto the underlay.



Smooth all sides to ensure a strong adhesion.



Installation is complete.

Handling and Storage

OneSeal Multi-fit Pipe and Cable Penetration Seals must be protected from damage and weather. They must be stored under cover in clean, dry conditions away from direct exposure to sunlight, heat or flame.

OneSeal Multi-fit Pipe and Cable Penetration Seals should not be removed from packaging until they are ready to use.

Handling and storage of OneSeal seals, whether on-site or off-site, is the responsibility of the installer.

BRANZ Appraised
Appraisal No. 942

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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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