

## KNAUF INSULATION MULTI-USE ROLL

March 2026

### Applications



### Description

Knauf Insulation Multi-Use roll is available in energy efficient R-values to provide an ideal solution for topping up existing ceiling insulation or for providing high thermal performance in walls. Knauf Insulation Multi-Use roll will improve the thermal comfort and energy efficiency of the building in which it has been installed thus keeping it cool in summer and warm in winter.

The super-soft and easy to handle benefits of glasswool insulation have been further enhanced with TwinTech®. TwinTech heralds another advancement in insulation manufacture - the dual forming technique ensures there is a smooth finish on both sides of the insulation, which improves product handling and appearance. Knauf Insulation Multi-Use roll is made using up to 80% recycled glass and with ECOSE® Technology, a sustainable, plant-based binder that contains no added formaldehyde.



### Performance

|   |   |                  |
|---|---|------------------|
| <b>Thermal performance</b>                                  | AS/NZS 4859.1 (2018)  |                  |
| <b>Fire Hazard Properties (AS/NZ 1530.3)</b>                | Ignitability: 0<br>Spread of Flame: 0<br>Heat Evolved: 0<br>Smoke Developed: 2-3  |                  |
| <b>Material Property</b>                                    | <b>Requirement per ASTM C665-17</b>   | <b>Pass/Fail</b> |
| Water Vapour Sorption (Mass %) (ASTM C1104)*                | <5  | Pass             |
| Corrosiveness - Aluminium (rating scale 15-40) (ASTM C665)* | <21   | Pass             |
| Corrosiveness - Copper (rating scale 15-40) (ASTM C665)*    | <21   | Pass             |
| Corrosiveness - Steel (ASTM 1617)*                          | <5 ppm  | Pass             |
| Fungi Resistance (ASTM C1338)*                              | Growth < Comparative  | Pass             |
| <b>Water Vapour Absorption</b>                              | Less than 5% by weight when tested for 96 hours at 120°F (49°C) and 95% humidity. |                  |
| <b>Microbial Growth</b>                                     | Does not support microbial growth   |                  |
| <b>Combustibility (AS 1530.1)</b>                           | Non-combustible   |                  |

\*Test samples were 8kg/m<sup>2</sup> and 32kg/m<sup>2</sup> unfaced Knauf Insulation glasswool, with ECOSE binder.

### Benefits

- ✓ DriTherm® Technology - silicone treated glasswool for increased durability
- ✓ TwinTech® - smooth finish on both sides
- ✓ High thermal performance - year round comfort
- ✓ Sound absorbing
- ✓ Non-combustible
- ✓ Saves energy - lower energy bills
- ✓ No added formaldehyde
- ✓ Soft to handle and install
- ✓ Compression packed - more product per pack
- ✓ Multi-use for walls and ceilings
- ✓ Odourless

### Certifications



Please scan the QR Code to view the complete list of certifications on our website.

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### Specifications

| Product Code | R-Value (m <sup>2</sup> K/W) | Thermal Conductivity (W/mK) | Thickness (mm) | Width (mm) | Length (mm) | Area per pack (m <sup>2</sup> ) | Rolls per pack |
|--------------|------------------------------|-----------------------------|----------------|------------|-------------|---------------------------------|----------------|
| 807198       | 2.6                          | 0.034                       | 90             | 430        | 8500        | 3.65                            | 1              |
| 807200       | 2.6                          | 0.034                       | 90             | 580        | 8500        | 4.93                            | 1              |

All dimensions are nominal.

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### Additional Information

#### Specification Guide

The insulation shall be Knauf Insulation Multi-Use roll R2.6 at 90mm thick, BRANZ appraised to meet the provisions of the NZBC. The product will be non-combustible, Red List Free as labelled by Declare, Global GreenTag Level A certified, glasswool insulation with high post-consumer recycled glass content and with ECOSE® Technology. It will be manufactured under Quality Assurance Standards ISO 9001:2008 and ISO 14001:2004 by Knauf Insulation and shall be installed in accordance with the instructions issued by them.

#### Specification Compliance

AS/NZS 4859.1: 2018 Materials used in the Thermal Insulation of Buildings and comply with the New Zealand Building Code requirements: B2 – Durability, E3 – External Moisture, F2 – Hazardous Building Materials, and H1 – Energy Efficiency, as appraised by BRANZ and CodeMark Certified. Knauf Insulation Multi-Use roll is an acceptable solution in terms of the New Zealand Building Code.

#### Bio-solubility

The formulation used for Knauf Insulation Multi-Use roll has been independently assessed to meet the requirements of the stringent Note Q standard (and is therefore consistent with the highest Australian and New Zealand industry standards), and also assessed by Knauf Insulation against NZ Work-Safe requirements. Knauf Insulation Multi-Use roll is classified as a non-hazardous substance in line with the NOHSC: 1008 3rd Edition.

#### Environmental

Knauf Insulation Multi-Use roll represents no known threat to the environment and comes with GreenTag Level A certification, Declare label and a certified Environmental Product Declaration. Knauf Insulation Multi-Use roll has low VOC and benefits from ECOSE® Technology.

#### Proven Performance

- Knauf Insulation Multi-Use roll is preferred by professional installers concerned with quality, appearance and productivity.
- Knauf Insulation Multi-Use roll has excellent acoustical properties reduce sound transmission in the home when properly installed in walls, ceiling and floor systems.

#### Durability

- Knauf Insulation Multi-Use roll is odourless, rot proof, non-hygroscopic, does not sustain vermin and will not encourage the growth of fungi, mould or bacteria.
- DriTherm® technology - silicone treated for increased durability.

#### Superior Handling

- Highly resilient insulation recovers quickly to full thickness for a snug fit and superior finished aesthetics.
- Consistent quality materials feel good, cut easily and install fast.
- Low dust for easier handling and increased productivity.

#### Convenient Packaging, Easier Handling

- Knauf Insulation Multi-Use roll is packaged in a strong, white poly film that offers excellent protection from abuse, dust and moisture.
- Knauf Insulation Multi-Use roll packages feature easy to follow installation instructions.
- MasterBag insulation units (containing multiple packs) ensure reduced handling costs with improved compression – more square metres per bag, more square metres per truck load, fewer trips to the job site and less warehouse space for storage.

#### Superior Service and Support

- Knauf Insulation is focused on providing first class customer service, producing high quality product and 'in full on time' deliveries.
- Knauf Insulation recognises the need to establish, develop and support a professional network of distributors and re-sellers in order to service a growing insulation market.
- Knauf Insulation is committed to providing a comprehensive range of relevant sales and marketing literature and web-based technical information to support specifiers and customers.

#### Corrosion testing

Knauf Insulation glasswool is tested to evaluate whether a material's chemical composition could cause corrosion. Knauf Insulation's glasswool products, with a consistent composition across densities, have been independently tested and demonstrated that they are non-corrosive in both low-density and high-density variants, ensuring long-term compatibility and reliable performance.



Knauf Insulation products made with ECOSE® Technology benefit from a no added formaldehyde binder, which is less energy intensive than traditional binders and is based on rapidly renewable, plant-based materials instead of petro-based chemicals. The technology has been developed for Knauf Insulation's glass and rock mineral wool products, enhancing their environmental credentials without affecting the thermal, acoustic or fire performance. Knauf Insulation products made with ECOSE® Technology contain no added dyes or artificial colours.

#### Knauf Insulation Ltd

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