

- ✓ Excellent thermal & acoustic insulation.
- ✓ Can be used with timber & metal frame.
- ✓ Superior finished aesthetics
- ✓ Cost-effective.
- ✓ Non-combustible blanket fibres.
- ✓ TRADE preferred
- ✓ Highly resilient insulation
- ✓ AS/NZS 4859.1:2018
- ✓ Bio-soluble
- ✓ BCA Compliant
- ✓ low VOC-emitting



THERMAL INSULATION WITH CONDENSATION CONTROL

Neurock Roofing Blanket is a foil faced insulation blanket, designed for fire safety, thermal and acoustic insulation applications. Our Roofing Blanket is the most effective way to assist in control of temperature and will assist in meeting energy efficiency requirements as set out in the Building Code of Australia.

When used in combination with ceiling batts, these products assist in the control of temperature of the fabric of the building and contribute to a more thermally stable building.

DESCRIPTION - Roofing Blanket is designed to be used in both residential and commercial metal roof systems, and under concrete slabs/soffits. The blanket dramatically slows the transfer of heat into and out of the building while also absorbing outside noise, while the reflective foil shields against radiant heat from entering the roof cavity and also assists in the control of condensation.

SPECIFICATION COMPLIANCE - AS/NZS 4859.1: 2018 Materials used in the Thermal Insulation of Buildings and complies with the Building Code of Australia (BCA) requirements.

EARLY FIRE HAZARD PROPERTIES OF MATERIALS - Roofing Blanket achieves the following characteristics when tested in accordance with AS1530 Part 3

Ignitability Index	0
Spread of Flame Index	0
Heat Evolved Index	0
Smoke Developed Index	1

BIO-SOLUBILITY - manufactured with bio-soluble fibers creating a low allergen product that is safe to use in any residential, commercial or industrial application. Bio-soluble fibres have been extensively researched and shown to pose no long term health risks.

FIRE PERFORMANCE - Bushfire Attack Level

Roofing Blanket is suitable for BAL 0-40 as outlined in AS 3959 for metal roofs. The glasswool component of Roofing Blanket is classified as non-combustible in accordance with AS1530.1 and is suited for sealing ember entry points at ridges, valleys and fascias to meet NCC requirements for metal clad roofs in bushfire areas. The reflective foil facing component satisfies the NCC flammability index requirement of ≤5.

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MOISTURE ABSORPTION

In the event of Roofing Blanket becoming wet, it should be dried prior to installation to obtain maximum performance and prevent damage to other building elements. Roofing Blanket absorbs less than 0.2 % moisture by volume when exposed to environmental conditions of 50°C and 95% relative humidity for four days.

ALKALINITY

When tested in accordance with British Standard 3958, the glasswool element of Roofing Blanket received a rating of pH9 (neutral is pH7).

MAXIMUM SERVICE TEMPERATURE

Roofing Blanket is manufactured for use at temperatures that are normally experienced in building systems. Roofing Blanket maximum and minimum service temperatures range from sub-zero to a maximum of 340°C. The surface temperature of Roofing Blanket faced with reflective foil should not exceed 70°C.

PHYSICAL CHARACTERISTICS

FOIL FACED

Product Code	Thickness (mm)	R-Value (m ² K/W)	Dimensions* (mm)	Rolls/pack	m ² /pack
RB-R1.3-55	55	1.3	1200 x 15000	1	18
RB-R1.5-60	60	1.5	1200 x 15000	1	18
RB-R1.8-75	75	1.8	1200 x 15000	1	18
RB-R2.3-100	100	2.3	1200 x 10000	1	12
RB-R2.5-100	100	2.5	1200 x 10000	1	12
RB-R3.0-130	130	3.0	1200 x 10000	1	12
RB-R3.2-130	130	3.2	1200 x 10000	1	12
RB-R3.6-130	130	3.6	1200 x 6500	1	7.8

UNFACED

Product Code	Thickness (mm)	R-Value (m ² K/W)	Dimensions* (mm)	Rolls/pack	m ² /pack
URB-R1.3-36	55	1.3	1200 x 30000	1	36
URB-R1.5-36	60	1.5	1200 x 30000	1	36
URB-R1.8-30	75	1.8	1200 x 25000	1	30
URB-R2.3-18	100	2.3	1200 x 15000	1	18
URB-R2.5-18	100	2.5	1200 x 15000	1	18
URB-R3.0-12	130	3.0	1200 x 10000	1	12
URB-R3.2-12	130	3.2	1200 x 10000	1	12
URB-R3.6-78	130	3.6	1200 x 6500	1	7.8

* Cut to size available on request

Technical specifications as shown in this literature are intended to be used as general guidelines only. The physical and chemical properties of glass mineral wool insulation listed herein represent typical average values obtained in accordance with accepted test methods and are subject to normal manufacturing variations. They are supplied as a technical service and are subject to change without notice. Any references to numerical flame spread or smoke developed ratings are not intended to reflect hazards presented by these or any other materials under actual fire conditions. Warranty and liability upon delivery shall be in accordance with our General Terms and Conditions. No responsibility is assumed for the correctness of this information. Version of 28th April 2022.