

- ✓ Excellent thermal & acoustic insulation.
- ✓ Can be used with timber & metal frame.
- ✓ Superior finished aesthetics.
- ✓ Cost-effective.
- ✓ Non-combustible blanket fibres.
- ✓ TRADE preferred
- ✓ Group 1 Fire Assessment Classification (Foil Faced Blanket)
- ✓ Highly resilient insulation
- ✓ Consistent quality
- ✓ AS/NZS 4859.1:2002
- ✓ Bio-soluble
- ✓ BCA Compliant
- ✓ low VOC-emitting



THERMAL INSULATION WITH CONDENSATION CONTROL

Rhino Blanket combines the thermal efficiency of spun glass fibre with a laminate of reflective foil which not only further enhances the thermal efficiency of the system but also serves to act as a dust and moisture barrier.

DESCRIPTION - Rhino Blanket is intended for both thermal and acoustic applications. It is made from highly resilient, inorganic glass fibres manufactured by spinning molten glass, containing up to 65% recycled content and bonded together using a thermosetting resin.

SPECIFICATION COMPLIANCE - AS/NZS 4859.1: 2002 Materials used in the Thermal Insulation of Buildings and complies with the Building Code of Australia (BCA) requirements.

EARLY FIRE HAZARD PROPERTIES OF MATERIALS -

Rhino 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 | 1-3 |

Fire Assessment Classification GROUP 1

Tested in accordance with AS/ISO 9705 & AS5637.1

BIO-SOLUBILITY - Rhino Blanket rolls are manufactured from bio-soluble fibres. Bio-soluble fibres have been extensively researched and shown to pose no long term health risk.

FIRE PERFORMANCE - Bushfire Attack Level

Rhino Blanket is suitable for BAL 0-40 as outlined in AS 3959 for metal roofs. The glasswool component of Rhino 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 . In areas where BAL-FZ is a requirement higher density glasswool or mineral wool is required and available upon request.

GREEN STAR COMPLIANT

Rhino Blanket does not incorporate the use of Ozone Depleting Potential (ODP) substances in the manufactured or composition of it FBS-1 Glass Wool Bio-Soluble Insulation and the reflective foil products.

The use of these Rhino Blanket products guarantees the use of ODP free insulation while also ensuring that no harmful levels of Volatile Organic Compounds (VOCs) are released. This allows the incorporation of environmentally preferable insulation whilst also maintaining indoor air quality.

MOISTURE ABSORPTION

In the event of Rhino Blanket becoming wet, it should be dried prior to installation to obtain maximum performance and prevent damage to other building elements. Rhino 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 Rhino Blanket received a rating of pH9 (neutral is pH7).

RHINO BLANKET

THE ULTIMATE PROTECTION

Proudly Manufactured by
Thor Building Products P/L

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RHINO BLANKET



MAXIMUM SERVICE TEMPERATURE

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

SPECIFICATION NOTES

Product name – Rhino Blanket

Facing required – e.g. Reflective Foil / Gloss White / Acoustic Cloth / Ceramic Coat

Material R-value required

Note: The total R-value or thermal performance of building systems with reflective foils depends on the installation method used and the direction of heat flow.

APPLICATION - Designed for application under metal, fibre cement, and concrete roof cladding Rhino Blanket eliminates the problems associated with condensation build up on the underside of the roof cladding. The reflective foil face faces down toward the air space under the roof and prevents airborne moisture from reaching the surface of the roof cladding.

Rhino Blanket also performs as an acoustic insulative barrier. It reduces noise from outside the home, such as rain and from within the home by absorbing reverberant noise. Rhino Blanket's bulk insulation blanket is made from non-combustible fibres and meets the BAL requirement for metal clad roofs in bushfire areas.

FACING OPTIONS - The Duty Rating, Colour and Material Finish used to face Rhino Blanket can be varied to suit your application. Details upon request. Excellent thermal & acoustic insulation.

PHYSICAL CHARACTERISTICS

FOIL FACED

| Product Code | Thickness (mm) | R-Value (m ² K/W) | Dimensions* (mm) | Rolls/pack | m ² /pack |
|--------------|----------------|------------------------------|------------------|------------|----------------------|
| RB-R1.3-60 | 60 | 1.3 | 1200 x 15000 | 1 | 18 |
| RB-R1.5-75 | 70 | 1.5 | 1200 x 15000 | 1 | 18 |
| RB-R1.8-80 | 80 | 1.8 | 1200 x 15000 | 1 | 18 |
| RB-R2.3-100 | 100 | 2.3 | 1200 x 10000 | 1 | 12 |
| RB-R2.5-110 | 110 | 2.5 | 1200 x 10000 | 1 | 12 |
| RB-R3.0-130 | 130 | 3.0 | 1200 x 10000 | 1 | 12 |
| RB-R3.3-140 | 140 | 3.3 | 1200 x 10000 | 1 | 12 |
| RB-R3.6-145 | 145 | 3.6 | 1200 x 7500 | 1 | 9 |

UNFACED

| Product Code | Thickness (mm) | R-Value (m ² K/W) | Dimensions* (mm) | Rolls/pack | m ² /pack |
|--------------|----------------|------------------------------|------------------|------------|----------------------|
| URB-R1.3-36 | 60 | 1.3 | 1200 x 30000 | 1 | 36 |
| URB-R1.5-18 | 75 | 1.5 | 1200 x 15000 | 1 | 18 |
| URB-R1.8-30 | 80 | 1.8 | 1200 x 25000 | 1 | 30 |
| URB-R2.3-18 | 100 | 2.3 | 1200 x 15000 | 1 | 18 |
| URB-R2.5-18 | 110 | 2.5 | 1200 x 15000 | 1 | 18 |
| URB-R3.0-12 | 130 | 3.0 | 1200 x 10000 | 1 | 12 |
| URB-R3.3-12 | 140 | 3.3 | 1200 x 10000 | 1 | 12 |
| URB-R3.6-9 | 145 | 3.6 | 1200 x 7500 | 1 | 9 |

* Cut to size available on request

R-Values apply to the unfaced blanket installed at nominal thickness.

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