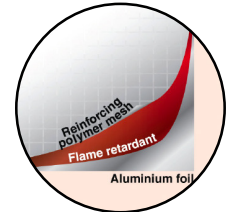


# METAL ROOFING

## RP-51MR



- ✓ Satisfy BCA specifications and requirements for Reflective Foil Laminates.
- ✓ Complies with the specifications and requirements of AS4200.1-2017 for "Pliable Building Membranes" which is a manual recognised by the BCA Part 3.5 Roof and Cladding.
- ✓ Low Flammability Index in accordance with AS 1530.2 < 5
- ✓ Satisfy BCA Part 3.7.1 Fire Hazard Properties.
- ✓ Satisfy Health and Safety Regulations.
- ✓ Thickness < 1mm



### PRODUCT INFORMATION

Rhino Roofing Products are specifically manufactured to the highest industry standards.

**ROOF INSTALLATION** - Up to R1.3 may be added to insulation system when Rhino RP-51MR is installed. Our specialised manufacturing process bonds together Aluminium Foil to a high strength reinforcing Polymer Mesh using a flame retardant adhesive. Our Reinforcing Polymer Mesh is purposely treated blue in colour to reduce reflective glare problems when installing Roofing Products.

### RHINO METAL ROOFING USAGE

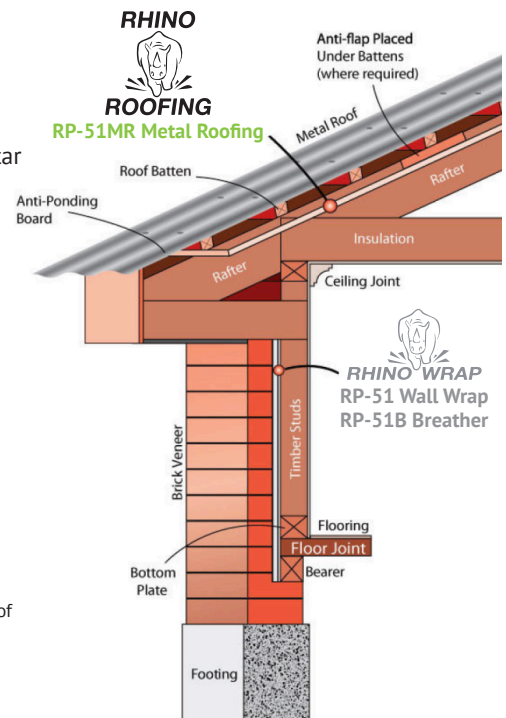
#### In all applications:

- External cladding should be installed A.S.A.P
- No contact is to be made with wet concrete or mortar
- Store in dry area, weather proofed only after installation
- Shrinkage of up to 2% can be expected

#### In reflective foil laminate applications:

- Use only in accordance with AS/NZS 4200. 2 for the "Installation Requirements for Pliable Building Membranes"
- Minimum of 20mm air space is recommended adjacent to reflective foil face to achieve maximum insulation values
- 40mm sag between trusses is recommended when using Rhino RP-51MR
- For use in enclosed structures

**NOTE:** Use in cold temperature climates (daytime < 5°C) requires roof to be well ventilated and moist air from within the dwelling to be exhausted out into the atmosphere.



#### FIRE PERFORMANCE

##### Bushfire Attack Level

Rhino Metal Roofing RP-51MR is suitable for BAL 12.5 to 40 as outlined in AS 3959.

# RHINO

# METAL

# ROOFING

## RP - 51 MR

### THE ULTIMATE PROTECTION

Proudly Manufactured by  
Thor Building Products P/L

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Recommended Applications and Properties	
Residential & Commercial Roof Insulation	✓
Duty	Heavy
Vapour Classification (VCM)	Class 2, Vapour Barrier
Emittance	Reflective
Water Control Classification	Water Barrier
Flammability Index < 5	< 5
Tensile Strength Machine Direction (kN/M)	min 12.5
Tensile Strength Lateral Direction (kN/M)	min 7.5
Edge Tear Resistance Machine Direction (N)	min 80
Edge Tear Resistance Lateral Direction (N)	min 80
Water Vapour Transmission Rate (Ng/Ns)	max 2
Emittance of Reflective Face	max 0.05
Electrical Conductivity	Conductive
Availability	
Width 1350mm	Length 30m Area 40.5m <sup>2</sup>
Width 1350mm	Length 60m Area 81m <sup>2</sup>

Thor Building Products Pty Ltd reserves the right to change product specifications without prior notice. Information in this publication and otherwise supplied to users as to the subject product is based on our general experience and is given in good faith, but due to the many particular factors which are outside our knowledge and control and affect the use of products, no warranty is given or is to be implied with respect to either such information or the product itself, in particular the suitability of the product for any particular purpose. The purchaser should independently determine the suitability of the product for the intended application. For the most current version of this publication refer to our website <https://thorbuilding.com.au/downloads>.