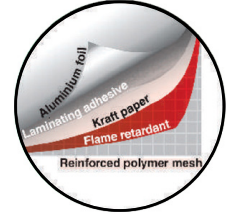


RHINO ROOFING

RP-61



- ✓ Satisfy BCA specifications and requirements for Reflective Foil Laminates
- ✓ Complies with the specifications and requirements of AS/NZS 4200.1 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.
- ✓ Complies with AS/NZS 4040.4 Impact Resistance (Sandbag Test).
- ✓ Thickness < 1mm



PRODUCT INFORMATION

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

ROOF INSULATION - Up to R1.0 (downward heat flow) may be added to the insulation System R-Value when Rhino Roofing RP-61 is installed adjacent to an airspace in tiled roof structures. Our specialist manufacturing process bonds together Aluminium Foil and high density Kraft Paper that is then laminated with a high strength reinforcing Polymer Mesh. Our Reinforcing Polymer Mesh is purposely treated blue in colour to reduce reflective glare problems when Rhino Roofing is installed. To achieve and ensure maximum protection is attained, Flame Retardant Adhesive is applied during the final process of manufacture in all Rhino Roofing Products.

ENERGY EFFICIENCY - Rhino Roofing RP-61 provides effective reductions in greenhouse gas emissions when used in an insulation agent in buildings. Preferred seasonal gains in required temperatures are assured.

LIGHT REFLECTIVITY - Gains of up to 40% can be obtained by using Rhino Roofing RP-61 as an exposed internal roof lining. Efficiencies in lighting loads are also evident. Conforms to AS/NZS 4859.1-2002.

PROTECTIVE ROOF/VAPOUR BARRIER - Added protection against stormwater, condensation and wind is achieved in roof structures when applied under roof tiles. Rhino Roofing RP-61 can also be a very effective vapour barrier when sealed with recommended tapes.

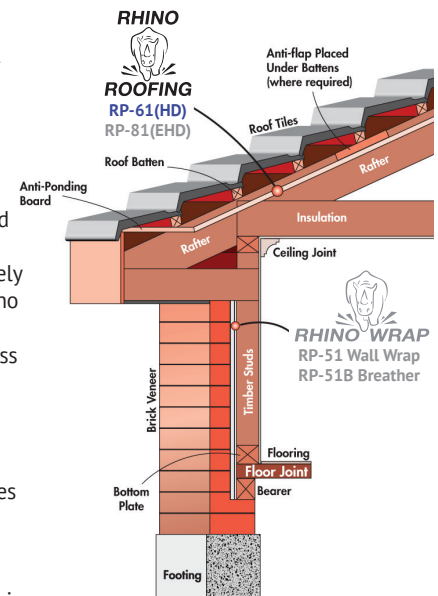
RHINO ROOFING RP-61 USAGE

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 Roofing RP-61
- For use in enclosed structures



FIRE PERFORMANCE

Bushfire Attack Level

Rhino Roofing RP-61 is suitable for BAL 12.5 to FZ as per AS3959, section 3.10, except in exposed installations in fire control rooms or fire-isolated exits, in NCC 2019 Volume 1 Specification C1.10.

RHINO ROOFING

RP - 61

THE ULTIMATE PROTECTION

Proudly Manufactured by
Thor Building Products P/L

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July 2022

Recommended Applications and Properties

Tensile strength - Cladding	High
Durability - Cladding	High
Impact Resistant - Cladding	High
Residential & Commercial Roof Insulation	✓
Flame Retardant - Cladding	✓
Duty	Heavy
Vapour Classification (VCM)	Class 2, Vapour Barrier
Emittance	Reflective
Water Control Classification	Water Barrier
Flammability Index	Low (≤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 1500mm	Length 30m
Area 45m ²	

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.

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