



PRODUCT DESCRIPTION

Rhino Shed is a 3 in 1 insulation, vapour barrier and radiant heat barrier for use in shed walls and shed under-roof systems.

The fibre-free, non-allergenic, formaldehyde free materials used in Rhino Shed provides a safe solution which is also easy to install.

Unique: 150mm flap eliminates need for overlap, saving up to 10%.

Product Specification	
Width	1350mm (+0.15m Flap)
Length	22.25m
Thickness	4.0mm (Nominal)
Area	30m ²
Roll Weight	11.5kg (Approx.)
Product Code	RSHD

Product Code	Description	Thickness (mm)	R-Value (m ² K/W)	Dimensions (m)	m ² /pack
RSHD	Rhino Shed	4mm	R-0.10	1.35 (+0.15m flap) x 22.25	30

FINISHED PRODUCT PERFORMANCE

Compliance to AS 4859.1 & AS 4200.1

This product should be installed in accordance with AS 4200.2.

Test	Description	Parameter
ASTM E - 408	Emissivity	Reflective Silver 0.03 / Anti-Glare 0.05
AS/NZS 4859.1 App - I	Surface Corrosion	Pass
ASTM 1530.2	Flammability Index	Low (≤ 5)
ASTM 1530.3	Early Fire Hazard	0/0/0/1
AS 1301.448	Duty Rating, <i>Tensile Strength</i>	EXTRA HEAVY DUTY
TAPPI T470	Duty Rating, <i>Edge Tear Resistance</i>	EXTRA HEAVY DUTY
AS 4201.1	Resistance to Dry Delamination	Pass
AS 4201.2	Resistance to Wet Delamination	Pass
AS 4201.4	Water Control Classification	Water Barrier
ASTM E-96	Vapour Classification (VCM)	Class 2, Vapour Barrier
AS 4201.5	Electrical Conductivity	Conductive

THERMAL PERFORMANCE

Application		Winter	Summer
Roof	Flat Metal roof, suspended ceiling, 300mm min. reflective air space	1.2	3.5
	Pitched metal roof 22° flat ceiling, unventilated attic space	1.3	2.2
	Pitched metal roof 22° flat ceiling, ventilated attic space	1.1	2.5
	Flat Metal Roof with no ceiling (Warehouse)	0.8	1.7
Wall	Brick Veneer Wall	2.1	1.9
	Double Brick Wall	2.1	2.0
	Shed metal clad wall, 100mm air gap	1.2	1.1

The total R-values of the above systems for winter and summer conditions have been determined in accordance with the requirements of AS/NZS4859.1. The contribution of this product total R-value depends on installation and environmental conditions. The R-value will be reduced in the event of the accumulation of dust on upward facing surfaces and in those cavities that are ventilated. Where the cavity is sealed, it is assumed there is no dust and hence emittance is not derated.

BAL (BUSHFIRE ATTACK LEVEL) RATING

Roof	Low (BAL 40)
Wall	Low (BAL FZ)

SAFETY INSTRUCTIONS

No personal protective equipment is required, however, it is recommended that UV protective sunglasses be worn when installing outside. This product is non-hazardous. When installing ensure that all electrical cabling, fittings, and wiring are in a safe condition and there is no potential for contact with live wiring or down-lights. Ensure a minimum 50mm clearance from light fittings (check for safe distance with lighting supplier) and ensure 50mm clearance around hot flues. Plastic fixings should be used where any electrical componentry is in close vicinity of the installation materials. Do not use any metal fixings if working in close vicinity of electrical wiring.

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AUSTRALIAN MADE
NCC/BCA Compliant

RHINO SHED

THE ULTIMATE PROTECTION

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