

GUARD

PLUS

REFLECTA™



FOR ROOFS



FOR WALLS

PREMIUM MULTI-PURPOSE REFLECTIVE INSULATION

DESCRIPTION

High-performance reflective insulation engineered for roofs and walls, providing a thermal break, effectively controlling radiant heat and condensation for comfort and energy efficiency.

PRODUCT *Benefits*

Dual Roof & Wall Performance

Engineered for superior performance in roof and wall applications, with thermal break and acoustic benefits.

Balanced Performance & Ease

Robust thermal protection and condensation control in a lightweight, easy-to-install versatile membrane.

SKU	WALL (R)	ROOF (R)	SIZE (m)	AREA (m ²)
RG3212	1.9	3.2	1.5 W x 20 L	30



REFLECTS UP TO 97% RADIANT HEAT FOR SUPERIOR THERMAL PROTECTION



Need Help?
SCAN QR FOR MORE INFO



GIBS | **WHY CHOOSE REFLECTA™ GUARD**



Superior Multi-Use Design

One robust membrane expertly insulates both roofs and walls.



Easier, Faster Installs

Lightweight yet robust, saving you valuable time during installation.

GIBS 25+
Years
BUSINESS



PROUDLY MADE IN AUSTRALIA



gibs.com.au

Specifications

Product Code	RG3212
Silver Side Reflectance	97%
Antiglare Side Reflectance	95%
Roll Size	1.5m x 20m (30m ²)
Roll Diameter	490mm (±7%)
Product Thickness	10mm (±0.5mm)
Roll Weight	13.2kg (±7%)

Total R Values (m² K/W)

Heatflow	Inward	Outward
Roof	3.2	1.3
Wall	1.9	1.9
Material R-value at 23°C	0.20	

This product meets the requirements of AS/NZS 4200.1

Duty	Extra Heavy	
Vapour Classification	Class 2	Vapour Barrier
Vapour Permeability	0.0090 µg/N.s	
Water Control Classification	Water Barrier	
Flammability Index	Low (≤5)	
Electrical Conductivity	Conductive	

Emittance	Value	Classification	Category
Silver Side	0.03	IR Reflective	RR
Antiglare Side	0.05	IR Reflective	

All calculations are for unventilated roof and wall cavities
For specific calculation details please contact GIBS

Classifications in Accordance with AS/NZS 4200.1 & this product should be installed in accordance with AS 4200.2

Assessed by James Fricker

This product conforms with AS/NZS 4859.1

About Reflecta Guard Plus™

Reflecta Guard Plus™ is a premium, Australian-made reflective insulation designed for diverse applications including roofing and wall systems. Featuring advanced dual-layer reflective aluminium technology, Reflecta Guard Plus™ offers superior thermal insulation, effective condensation control, acoustic insulation, and unmatched durability suited for commercial, residential, and industrial projects.

Key Features

- Exceptional Thermal Performance
- Advanced Moisture and Condensation Management
- Robust Weather Protection
- High Strength & Extra Heavy-Duty Performance
- Effective Acoustic Insulation
- Easy Installation and Handling
- Safety and Durability
- Compliance and Safety

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Product Testing

Testing Name	Testing Standard	Testing Result
Thermal Performance	ASTM C518	0.20 (m ² K/W)
Resistance to Dry Delamination	AS/NZS 4201.1	Pass
Resistance to Wet Delamination	AS/NZS 4201.2	Pass
Shrinkage	AS/NZS 4201.3	Comply
Edge Tearing Resistance	TAPPI T470 om-89	Extra Heavy Duty
Surface Corrosion	AS/NZS 4859.1 App 1	Pass
Vapour Control Classification	AS/NZS 4200.1 Table 4	Class 2, Vapour Barrier
Resistance to Water Penetration	AS/NZS 4201.4	Water Barrier
Emittance	AS/NZS 4201.5	Category: RR IR Reflective: Silver (0.03) & Antiglare (0.05)
Electrical Conductivity	AS/NZS 3100	Conductive
Acoustic	ISO 354 AS ISO 11654 AS 1191 AS/NZS ISO 717.1	10 dB in 1/3rd octave band
Surface Water Absorbency	AS/NZS 4201.6	High
Vapour Permeability	ASTM E96	0.0090 µg/N.s
Flammability Index	AS 1530.2	Low (≤5)
Fall Arrest On Single Storey Building	AS 4040.4	Pass

DISCLAIMER

The product information included in this publication is provided in good faith in order to ensure the optimum performance of this product. However, no warranty is given or implied with respect to this information or the product itself regarding the product's suitability for any particular purpose, as factors outside our knowledge and control may affect its use. The usage of this and other building membranes will affect moisture migration in the building element. The purchaser is responsible for independently determining the sustainability of the product for the intended purpose. GI Building Services Pty Ltd reserves the right to amend product specifications without prior notice. Information provided is considered to be true and correct at the time of publication.

STORAGE INFORMATION

Products are to be stored standing upright and on pallets not more than two high. Product warranty is voided for any product stored horizontally resulting in squeeze or crush. Returns of product displaying effects of deformation due to incorrect storage practices will not be accepted.