

SHIELD

V2

REFLECTA™



FOR ROOFS



FOR WALLS

THERMO-CELLULAR INSULATION SOLUTION

DESCRIPTION

Entry-level all-rounder reflective insulation with superior strength, increased durability and 150mm integrated flap for optimal sealing in tough environments.

PRODUCT *Benefits*

Integrated 150mm Flap

Built-in flap ensures superior sealing, easier installation, and enhanced moisture and draft protection.

Second-Generation Enhanced Durability

Advanced construction provides excellent tear-resistance and reliability in tough installations.

SKU	WALL (R)	ROOF (R)	SIZE (m)	AREA (m ²)
RSV2	1.8	3.1	1.35 W x 33.4 L	45



REFLECTS UP TO 97% RADIANT HEAT FOR SUPERIOR THERMAL PROTECTION



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GIBS | WHY CHOOSE REFLECTA™ SHIELD



Simplified Product Selection

One solution for roofs and walls saves complexity, time and money.



Confidence In Tough Conditions

Superior durability ensures easier installs and lasting protection.

GIBS 25+ Years BUSINESS



PROUDLY MADE IN AUSTRALIA



gibs.com.au

Specifications

Product Code	RSV2-45
Silver Side Reflectance	97%
Antiglare Side Reflectance	95%
Roll Size	1.35m x 33.4m (45m ²)
Roll Diameter	400mm (±7%)
Product Thickness	4.0mm (±0.5mm)
Roll Weight	17kg (±7%)

Total R Values (m² K/W)

Heatflow	Inward	Outward
Roof	3.1	1.2
Wall	1.8	1.8
Material R-value at 23°C	0.10	

This product meets the requirements of AS/NZS 4200.1

Duty	Extra Heavy	
Vapour Classification	Class 2	Vapour Barrier
Vapour Permeability	0.0120 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 Shield Plus V2™

Reflecta Shield Plus V2™ is an advanced, Australian-made reflective insulation specifically designed for roofs and walls in residential and commercial construction. Featuring innovative dual-layer aluminium foil technology combined with an integrated installation flap, Reflecta Shield Plus V2™ delivers outstanding protection, thermal performance, and energy efficiency.

Key Features

- Exceptional Heat Reflectivity
- Advanced Condensation and Moisture Control
- Integrated 150mm Flap for Superior Sealing
- Protect Your Valuables
- Durable Dual-Layer Construction
- Advanced Thermo-Cellular Technology
- Easy Installation and Handling
- Compliance and Safety

SKU	SIZE (m)	AREA (m ²)
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Product Testing

Testing Name	Testing Standard	Testing Result
Thermal Performance	ASTM C518	0.10 (m ² K/W)
Flammability Index	AS 1530.2	Low (≤5)
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
Water Vapour Transmission	ASTM E96	Class 2, Vapour Barrier
Resistance to Water Penetration	AS/NZS 42101.4	Water Barrier
Emittance	AS/NZS 4201.5	Category: RR IR Reflective: Silver (0.03) IR Reflective: 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
Impact Resistance	AS 2870	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 suitability 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.