

Reflecta-GDI V2™

GARAGE DOOR INSULATION

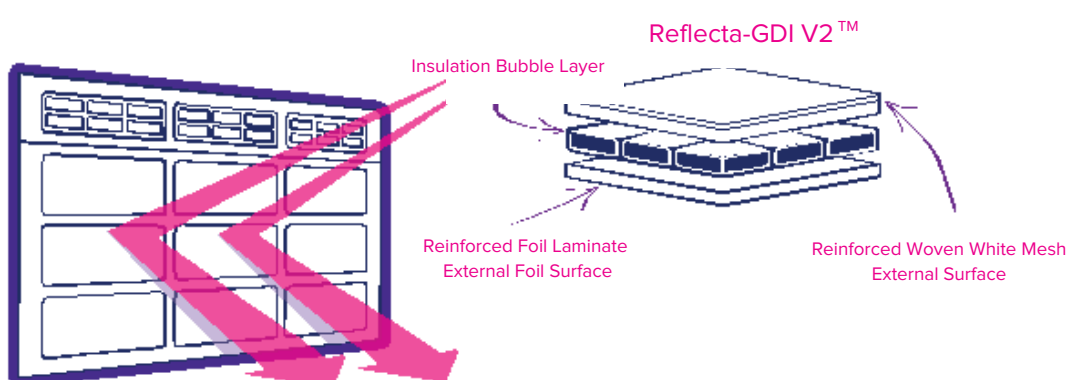


Reflecta-GDI V2™ is a highly effective garage door insulation

This highly reflective garage door insulation is made up of one layer of extra pure aluminium foil, reflecting 97% of radiant heat and one layer of woven white mesh for durability and aesthetics. Each of these two layers are heat laminated to a tough layer of polyethylene sandwiching air pockets for thermal insulation

The lightweight yet tough construction of Reflecta-GDI V2™ ensures hassle-free DIY installation which is both cost effective and durable

Reflecta-GDI V2™ is a Clean and Green Product. Please see product packaging for installation instructions



KEY BENEFITS

- ✓ Easy Install - DIY
- ✓ Excellent Acoustic Properties
- ✓ Eco Friendly and Fibre-Free
- ✓ Clean White Finish
- ✓ Heat Laminated, Air Bubble Core Providing an Exceptional Barrier Against Conductive Heat, Humidity, Water and Vapour Penetration
- ✓ Fits Standard Double Garage Door

12m² Roll

Reflecta-GDI V2™ - 500mm W X 24m L

Issued January 2024

SPECIFICATIONS

	Reflecta-GDITM
Product Code	RGD123
Silver Side Reflectance	97%
White Side Reflectance	10%
Roll Size	24m x 0.5m
Roll Diameter	(12m ²) 500mm
Product Thickness	(±7%) 10.0mm
Roll Weight	(±0.5mm) 5.5kg

Declared Total R Values (m²K/W)

Heatflow	INWARD	OUTWARD
Garage door	1.9	1.9
Material R-value at 23°C	0.12	

All calculations are for unventilated roof and wall cavities
For specific calculation details please contact GI Building Sciences

These products meets the requirements of AS/NZS 4200.1	
Duty	Extra Heavy
Vapour Classification	Class 2 Vapour Barrier
Vapour Permeability	0.0160 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	RN
White Side	0.90	IR Non-Reflective	

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**

PRODUCT TESTING

Testing Name	Testing Standard	Testing Result
Thermal Performance	ASTM C518	0.20 (m ² K/W)
Flammability Index	AS 1530.2	≤5 (Low)
Ignitability Index	AS/NZS 1530.3	0
Spread of Flame Index	AS/NZS 1530.3	0
Heat Evolved Index	AS/NZS 1530.3	0
Smoke Developed Index	AS/NZS 1530.3	2
Resistance to Dry Delamination	AS/NZS 4201.1	Pass
Resistance to Wet Delamination	AS/NZS 4201.2	Pass
Shrinkage	AS/NZS 4201.3	Comply
Tensile Strength	AS 1301.448s	Extra Heavy Duty
Edge Tearing Resistance	TAPPI T470 om-89	Extra Heavy Duty
Surface Corrosion	AS/NZS 4859.1 App I	Pass
Water Vapour Transmission	ASTM E96	Class 2, Vapour Barrier Water
Resistance to Water Penetration	AS/NZS 4201.4	Barrier
Emittance	AS/NZS 4201.5	Category: RN IR Reflective: Silver (0.03) IR Non-Reflective: White (0.90)
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



FIRE SAFE



COMFORT, HEALTH & AMENITY



CONDENSATION CONTROL



SOUND PROTECTION



REDUCED POWER COSTS

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