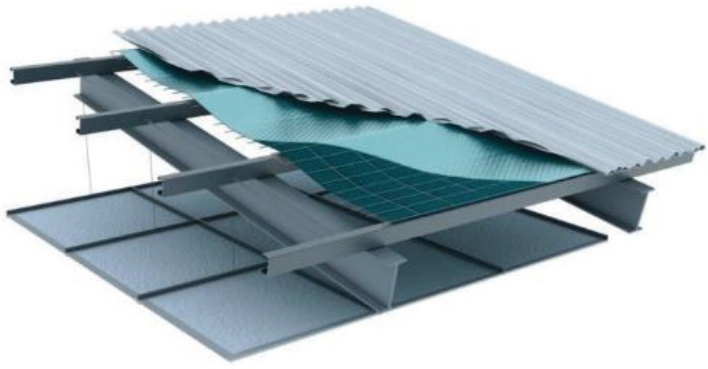
Reflecta All-In-One™

PERMANENT INSULATED SAFETY NET

Reflecta All-In-One™ is the latest innovation in the GI Building Sciences™ range. This innovation is available in a number of formats to suit commercial, residential and non-habitable buildings.

Reflecta All-In-One™ replaces the added cost of roof spacers that have been imposed on the market and is the smart, safe alternative to roof spacers and wire safety mesh.

If you want to minimize the risk of working at height to roofers, ensure faster installation and reduce the cost of your roof, you will choose Reflecta All-In-One™.



KEY BENEFITS

- Reduced Risk at height to Roofers and Contractors
- Superior Thermal Performance Properties for the Australian Climate
- Vapor Barrier Properties ensure Reduced Risk of Condensation
- 1500mm Wide reduces Wastage compared to 1200mm Coverage of Bulk Products
- Fully Recyclable
- Able to be Cut to Length for Major Projects
- Reduced Labour Costs

SIZES - 37.5m² ROLLS

All-In-One™ - 25m L x 1.5m W roll

SPECIFICATIONS

	Reflecta All-In-One™
Product Code	AIO014
Silver Side Reflectance	97%
Antiglare Side Reflectance	95%
Roll Size	25m x 1.5m (37.5m^2)
Roll Diameter	395mm (±7%)
Product Thickness	5.5mm (±0.5mm)
Roll Weight	28kg (±7%)

Declared Total R Values (m² K/W)

Heatflow	INWARD	OUTWARD
Roof	3.1	1.2
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	RR
Antiglare Side	0.05	IR 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	0.12 (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	1
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
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	9 dB in 1/3rd octave band
Fall Arrest	AS 4040.4	Pass

FIRE SAFE

COMFORT, HEALTH & AMENITY

CONDENSATION CONTROL

SOUND PROTECTION

REDUCED POWER COSTS

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.

Issued July 2022