



Reflecta-Cell Plus™

greenguide
Technical Data Sheet



Phone: 1300 308 165

Fax: 1300 308 164

Web: gibuildingsciences.com.au

Reflecta-Cell Plus™ Product Data

Product Code	RC2156
Roll Size	1.5M X 20M (30M ²)
Roll Diameter	370MM (±7%)
Product Thickness	5.5MM (±0.5MM)
Roll Weight	13.2KG (±7%)

Total R-Values (M²K/W)

Heat Flow	Inward	Outward
Roof	3.1	1.2
Wall	1.8	1.8
Floor	2.1	2.7
Material R-Value	0.12 (M ² K/W) at 23°C	

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

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 Appendix 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	RR, IR Reflective: Silver & Antiglare
Electrical Conductivity	AS/NZS 3100	Conductive
Acoustic	ISO 354 AS ISO 11654 AS 1191 AS/NZS ISO 717.1	9 dB in 1/3 rd octave band
Fall Arrest	AS 4040.4	Pass

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.

