



Product Spotlight Sheet

Reflecta-Cell Plus™

greenguide

features and benefits reference

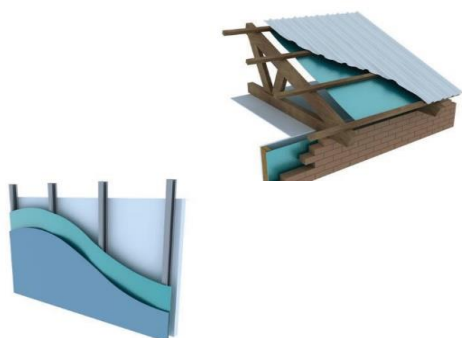


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Reflecta-Cell Plus™ the original



Reflecta-Cell Plus™ is the first of the range created by GI Building Sciences™. Initially designed as an alternative to fibrous insulation materials.

Reflecta-Cell Plus™ has continually proven to outperform conventional insulation materials and demonstrate greater longevity under harsh Australian climate conditions.

Suitable for almost every building type commercial or domestic, Reflecta-Cell Plus™ offers great performance benefits for almost every building application.

Performance Comparison of Reflecta-Cell Plus™ to Competing Insulation Materials Flat Metal Roof 0-5° & Flat Suspended Plasterboard Ceiling			
Insulation	Summer (Downwards)	Winter (Upwards)	Thermal Break
1* GI Building Sciences™ Reflecta-Cell Plus™	RT 3.8	RT 1.3	0.12
2* 60mm Glasswool Roofing Blanket	RT 3.5	RT 2.1	0.20
3* Kingspan Insulbreak 65	RT 3.2	RT 1.4	0.20

1*. Thermal calculations for GI products by James Fricker as per AS/NZS 4859.1&2 - Airspace 300mm

2*. Glasswool R Values source the Insulation Council of Australia & New Zealand Insulation Handbook V2, Jan 2015 - Airspace 300mm

3*. Kingspan R Values source Kingspan Section J Compliance Solutions Brochure Issue 2, October 2013 - Airspace Range 100 – 1200mm

Features – Fact vs Fiction

- 15 Year Warranty
- Suitable for Use in Residential and Commercial Walls and Roofs
- Class 2 Vapour Barrier
- 20m x 1500mm Roll
- AS 1530.2 & AS/NZS 1530.3 Compliant
- Structure enables it and Other Cellular Materials to be easily installed

Key Benefits

- A Good Medium for Managing Condensation
- 1500mm Wide reduces Wastage compared to 1350mm Wide Foam Product
- Fully Recyclable
- Able to be Cut to Length for Major Projects
- Cost of Raw Materials More Stable than Foam ensuring Long Term Cost Competitiveness
- The Entry Level all-rounder suited to Commercial, Domestic or Shed Construction Projects

