



Product Spotlight Sheet

Reflecta-Guard Plus™

greenguide

features and benefits reference



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Reflecta-Guard Plus™ the proven performer



Reflecta-Guard Plus™ and other thermo-cellular insulation materials have now been used by the building industry for well over 20 years.

From residential and educational projects to healthcare and aged-care projects, this family of products have enjoyed wide acceptance owing to their high performance and wide-range of applications.

Reflecta-Guard Plus™ has thus continued to enjoy market prominence and remains our best selling insulation product in local and international markets.

Performance Comparison of Reflecta-Guard 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-Guard Plus™	RT 3.9	RT 1.4	0.20
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

- Tested Fall Arrest & Insulation Material suitable for Low Rise Construction
- 15 Year Warranty
- Still amongst the Highest Performing R-value Reflective Products on the market
- Class 2 Vapour Barrier
- 20m x 1500mm Roll
- Structure enables it and Other Cellular Materials to be easily installed
- University tested as a Great Insulator from Rain and Airborne Noise

Key Benefits

- Reduced Cost of Roof Construction
- AS 1530.2 & AS/NZS 1530.3 Compliant
- A Good Medium for Managing Condensation
- 1500mm Wide reduces Wastage compared to the 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
- Better Insulator for Noise than Foam or Glasswool

