



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 Plasterboard Ceiling				
Insulation		Summer (Downwards)	Winter (Upwards)	Thermal Break
1*	GI Building Sciences™ Reflecta-Guard Plus™	RT 3.2	RT 1.3	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 40mm & 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

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.

