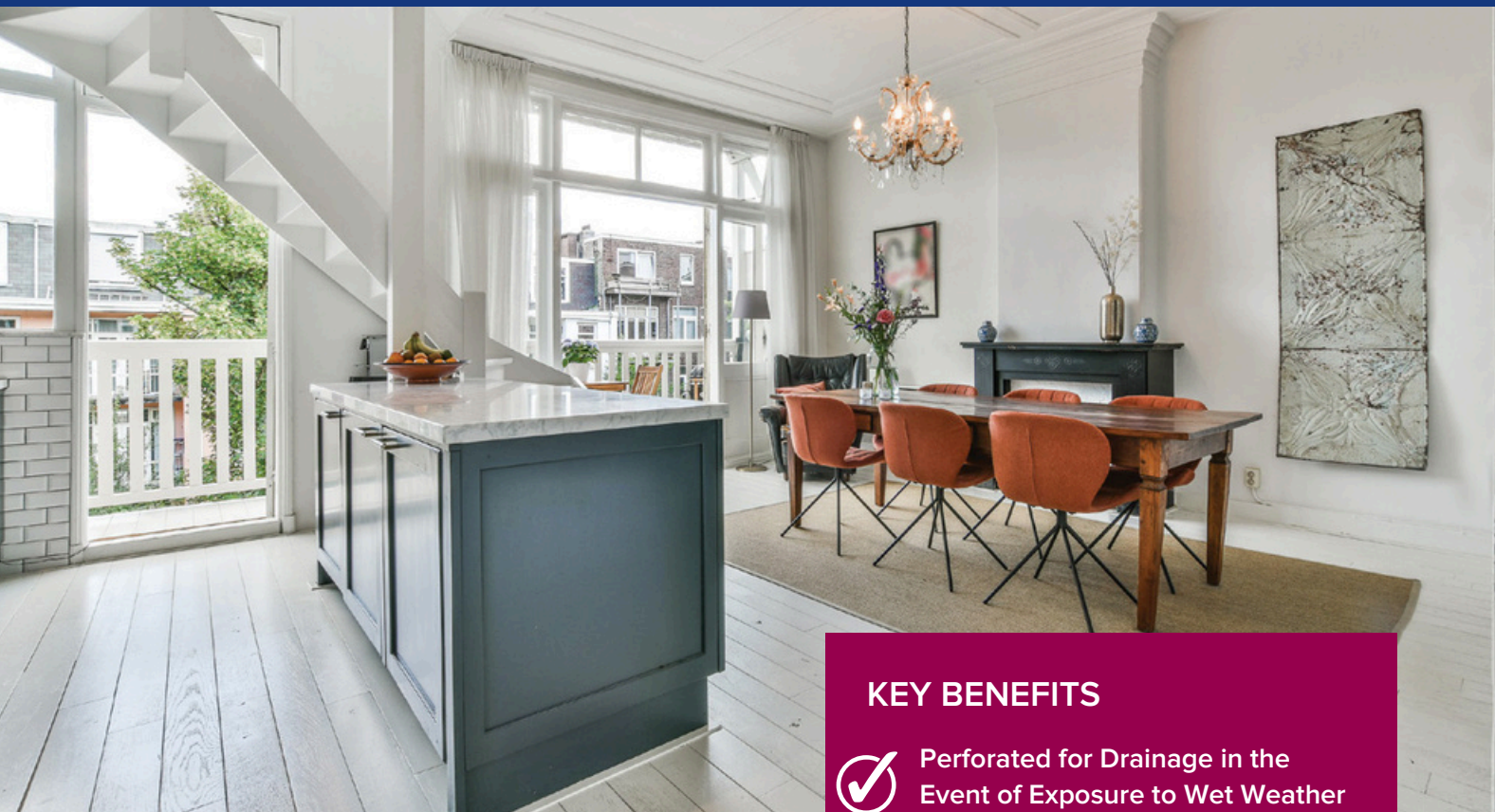


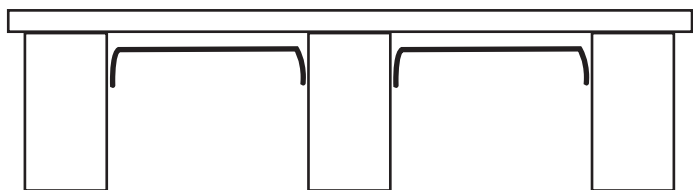
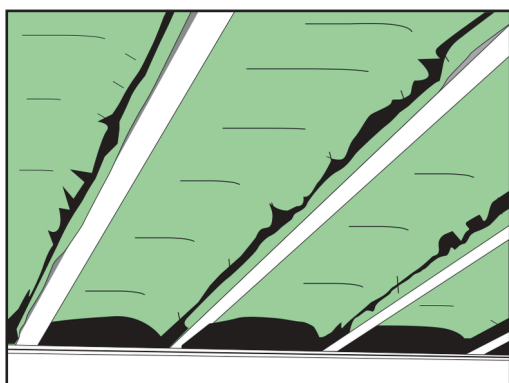
Reflecta-Floor 500 Plus™

THERMAL & SOUND INSULATION



Reflecta-Floor 500 Plus™ offers our customers an exceptionally easy to install and highly thermally efficient solution to insulating under suspended floors

GI Building Sciences™ Reflecta-Floor 500 Plus™ is rolled out in between floor joists and fixed to the side of the joists. Free of fibres, this robust underfloor insulation system is designed specifically for the Australian Climate



KEY BENEFITS

- ✓ Perforated for Drainage in the Event of Exposure to Wet Weather
- ✓ High performing Under-Floor Insulation
- ✓ Two Outer Layers of 99%+ Pure Aluminium, with XHDRating
- ✓ Passes All Relevant Australian Standards Tests
- ✓ Reduced on site Wastage and Improved Coverage compared to Other Products
- ✓ Fibre Free Alternative - No Protective Clothing Needed

30m² ROLL

Reflecta-Floor 500 Plus™ - 3 x 10m² Roll
(each roll 500mm W x 20m L)

Issued January 2024

SPECIFICATIONS

Reflecta-Floor 500 Plus™	
Product Code	RCF500
Silver Side Reflectance	97%
Antiglare Side Reflectance	95%
Roll Size	0.5m x 20m x 3 Rolls (30m ²)
Roll Diameter	370mm (±7%)
Product Thickness	5.5mm (±0.5mm)
Roll Weight	13.2kg (±7%)

Total R Values (m ² K/W)		
Heatflow	INWARD	OUTWARD
Floor	2.1	2.7
Material R-value at 23°C	0.12	

Include floor covering and underlay - R0.3
For specific calculation details please contact GI Building Sciences

This product meet the requirements of AS/NZS 4200.1		
Vapour Classificaton	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	

Classification 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	ASTIM C518	0.12 (m ² K/W)
Resistance to Dry Delamination	AS/NZS 4201.1	Pass
Resistance to Wet Delamination	AS/NZS 4201.2	Pass
Shrinkage	AS/NZS 4201.3	Comply
Edge Tearing Resistance	TAPPI T470 om-89	Extra Heavy Duty
Surface Corrosion	AS/NZS 4859.1 App 1	Pass
Vapour Control Classification	AS/NZS 4200.1 Table 4	Class 2, Vapour Barrier
Resistance to Water Penetraton	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
Surface Water Absorbancy	AS/NZS 4201.6	High
Vapour Permeability	ASTM E96	0.0160 µg/N.s
Flammability Index	AS 1530.2	Low (≤5)
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	0



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.

The product information included in this publication is provided in good faith in order to ensure the optimum performance of this product. However, no warranty is given or implied with respect to this information or the product itself regarding the product's suitability for any particular purpose, as factors outside our knowledge and control may affect its use. The usage of this and other building membranes will affect moisture migration in the building element. The purchaser is responsible for independently determining the suitability of the product for the intended purpose. GI Building Sciences Pty Ltd reserves the right to amend product specifications without prior notice. Information provided is considered to be true and correct at the time of publication.