Reflecta Under-Slab™

Reflective Damp-Proofing Membrane

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Technical Data Sheet

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GI BUILDING SCIENCES

Reflecta Under-Slab™
Reflective Damp-Proofing Membrane

Reflecta Under-Slab™ Product Data

Product Code	CTW1650
Roll Size	1.5M X 50M (75M²)
Product Thickness	0.2mm (±0.02mm)

Added R-Values (m^2K/W)

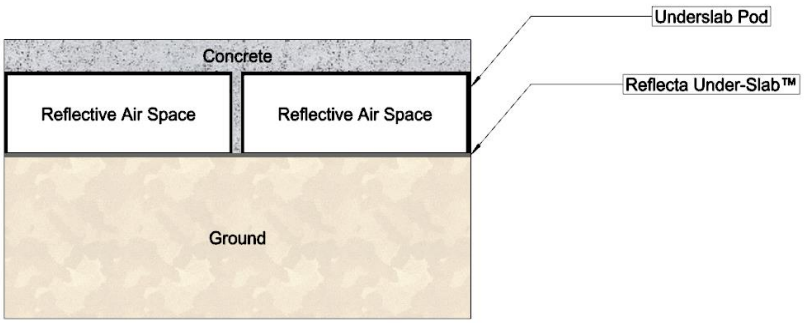
System	Concrete Slab	Winter	Summer
300mm Height Pod	85mm & 100mm	1.66	0.45
Material R-Value		0.00 M^2K/W at 23ºC	

All calculations are done by James M Fricker
For specific calculation details please contact GI Building Sciences

Product Testing

Testing Name	Reference	Standard	Result
Surface Corrosion	AS/NZS 4859.1	AS/NZS 4859.1 Appendix I	Pass (Reflective Side only)
Emittance	AS/NZS 4200.1	AS/NZS 4859.2	Emittance Value: Silver (0.04)
Thickness	AS 2870 – 5.3.3.3 (a)	AS/NZS 4347.9	Comply
Impact Resistance	AS 2870 – 5.3.3.3 (b) (ii)	AS/NZS 4347.6	High Impact Resistance
Vapour Permeance	AS 2870 – 5.3.3.3 (c)	ASTM E96	Comply
Falling Aggregate	AS 2870 – 5.3.3.3 (c)	CSIRO Method	Comply

Product Installation



1. The ground must be prepared prior to laying Reflecta Under-Slab™.
2. Level sand to achieve an even surface for Reflecta Under-Slab™.
3. Roll out Reflecta Under-Slab™ onto the even surface.
   (The Reflective and black surfaces must be facing up and down respectively)
4. Install an underslab pod on Reflecta Under-Slab™, then pour concrete on it.

COMFORT, HEALTH & AMENITY

SOUND PROTECTION

REDUCED POWER COSTS

CONDENSATION CONTROL

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.

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