



R-Values extracted from Reports by Gilmore Engineers - e3k

*Om. mehta*

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# Reflecta-Cell®

Code	RC2156
Silver side Emittance	0.05
Antiglare side Emittance	0.10
Roll Size	1.5m x 20m (30m <sup>2</sup> )
Roll Diameter	420mm
Product Thickness	7.4mm
Roll Weight	14.0kg

## Total R - Values (m<sup>2</sup>K/W)

<b>Metal Roof (residential)</b>		Summer	Winter
18° Ventilated	40mm a/s	2.7	1.3
18° Unventilated	40mm a/s	2.4	1.5

<b>Commercial Metal Roof</b>			
5° Metal with Ceiling	40/100mm a/s	3.0	1.6

<b>Tile Roof</b>			
18° Ventilated	80mm a/s	2.9	1.4
18° Unventilated	80mm a/s	2.6	1.6

<b>Walls</b>			
Vinyl Cladding	20/90mm a/s	2.4	2.4
Weatherboard	20/90mm a/s	1.9	1.9
Brick Veneer	50/90mm a/s	1.9	1.9
Metal	25/90mm a/s	1.9	1.8
Hollow Concrete Panel	40/20mm a/s	1.9	1.9
Double Brick	20/20mm a/s	1.9	1.9
Concrete Block	40/20mm a/s	2.0	2.0
Concrete Panel	40/20mm a/s	1.9	1.9
Reverse Brick Veneer	50/90mm a/s	1.9	1.9

Timber Floor	40mm a/s	1.3	2.2
Concrete Floor	40mm a/s	1.2	2.2

<b>Retrofit Ceiling</b>			
18° Ventilated	90mm a/s	3.4	1.4
18° Unventilated	90mm a/s	3.2	1.6

\* a/s = Airspace



*Ray Hope*

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# Product Testing

## Reflecta-Cell®

Thermal Performance	AS/NZS 4859.1 - 2002
Corrosion & Oxidisation Resistance	Patented (Green Side)
Anti - Slip	Patented (Green Side)
Flammability	AS/NZS 1530.2 - 1993 ≤ 5
Ignitability	AS/NZS 1530.3 - 1999
Spread of Flame	AS/NZS 1530.3 - 1999
Heat Evolved	AS/NZS 1530.3 - 1999
Smoke Developed	AS/NZS 1530.3 - 1999
Product Emittance (Green Side)	0.10
Product Emittance (Silver Side)	0.05
Textile Testing	Extra Heavy Duty
Dry Delamination	AS/NZS 4201.1 - 1994
Wet Delamination	AS/NZS 4201.2 - 1994
Shrinkage	AS/NZS 4201.3 - 1994
Water Barrier	AS/NZS 4201.4 - 1994
Water Absorbency	AS/NZS 4201.6 - 1994
Vapour Transmission	ASTM . E96 - 2000
Edge Tear	AS 4200.1 - 1994
Burst Strength	AS 3706.4 - 2001
Acoustic	ISO 354-2003 AS ISO 11654-2002 AS 1191-2002 AS/NZS ISO 717.1:2004
Fall Arrest	AS 4040.4-2006



### For Further Information

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