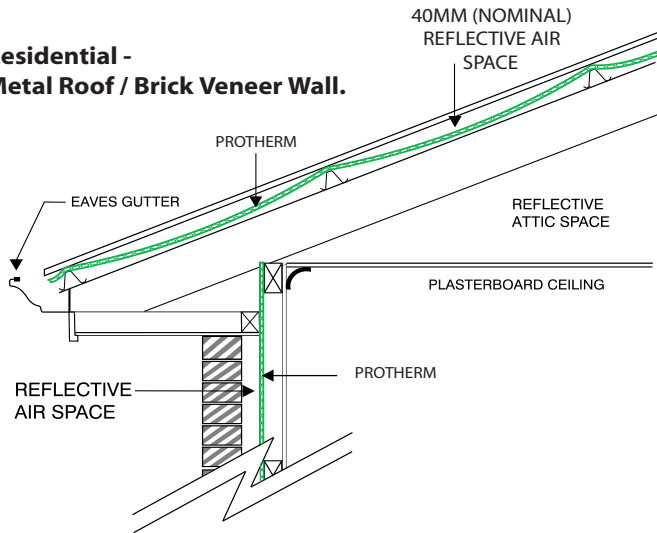
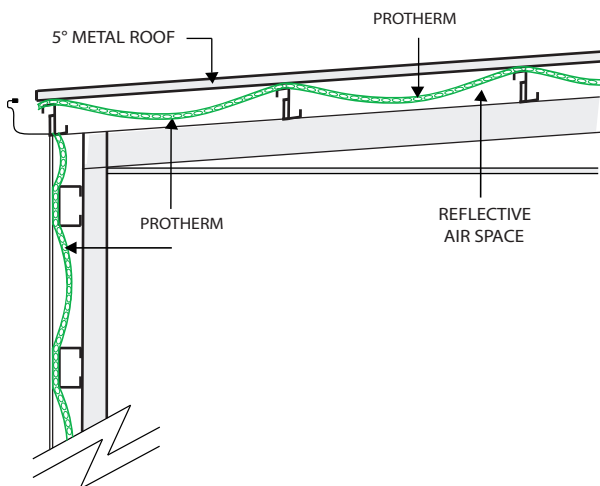


# Protherm

## Residential - Metal Roof / Brick Veneer Wall.



## Industrial / Commercial.



# Reflecta - Guard

Code	RG3212
Foil Emittance	0.02
Roll Size	1.5m x 20m (30m <sup>2</sup> )
Roll Diameter	560mm
Product Thickness	13.5mm
Roll Weight	18.0kg

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

### Metal Roof (residential)

		Summer	Winter
18° Ventilated	40mm a/s	2.9	1.5
18° Unventilated	40mm a/s	2.6	1.7

### Commercial Metal Roof

5° Metal with Ceiling	80/100mm a/s	3.3	1.7
5° Metal with Ceiling	40/100mm a/s	3.0	1.6

### Walls

Brick Veneer	90/50mm a/s	2.1	2.1
Metal	25/90mm a/s	2.0	2.0
Double Brick	20/20mm a/s	2.0	2.0
Double Brick - 90mm Stud and Plaster		2.4	2.4
Concrete Panel	40/20mm a/s	2.1	2.1

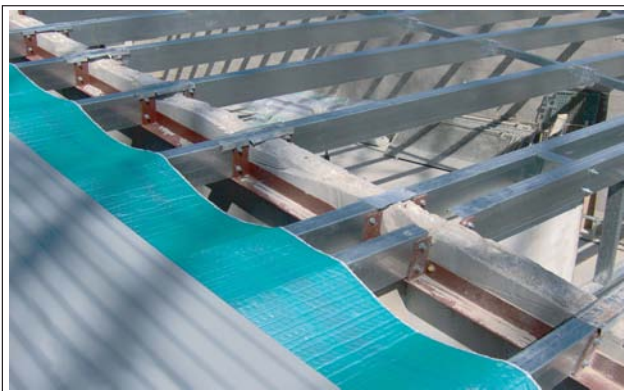
### Floor

Timber Floor (closed in)	40mm a/s	1.4	2.4
Concrete Floor (closed in)	40mm a/s	1.4	2.4

### Ceiling (Retrofit 90mm above Ceiling, Metal Roof)

18° Ventilated	90mm a/s	3.2	1.5
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\* a/s = Airspace



R-Values extracted from Reports by Gilmore Engineers - e3k

10-07-2007

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# Product Testing

## Reflecta-Guard

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)	0.1
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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