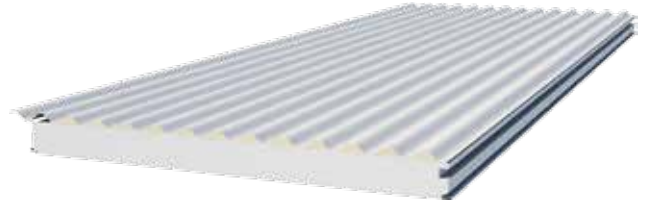


Product Description

InsulRoof® is a long-spanning insulated roof panel that features a corrugated roof profile and a pre-finished steel ceiling lining encased in Bondor's new proprietary dual layered insulating core technology comprising of EPS-FR and PUR.

This all-in-one roofing solution is manufactured using Australian-made BlueScope® Colorbond® steel for durability and is ideal for a variety of applications including housing, multi-residential, commercial and industrial roofing applications where a corrugated roof profile is desired.

SupaCore® is a proprietary and world-first insulating core technology developed by Bondor to deliver dual layers of high performance insulation and bonding strength.



Colorbond®
Made for Australia

Panel Properties						
Panel Thickness (mm)	50	75	100	125	150	200
Mass (kg/m ²)	11.58	11.94	12.30	12.64	12.98	13.65
Thermal Performance at 8°C						
'R' Value (m ² K/W)	1.60	2.30	2.90	3.60	4.20	5.50
Thermal Performance at 20°C						
'R' Value (m ² K/W)	1.60	2.20	2.80	3.50	4.10	5.30

Span Table

NON-CYCLONIC REGION A&B (ROOF APPLICATIONS ONLY)



SL Grade EPS-FR Core / 0.42 Hi-tensile External / 0.6mm Internal Steel Skins.
Maximum uniformly distributed ultimate wind load (kPa) for the given span:

Single Span, wind pressure acting outwards						
Span (mm)	Panel Thickness (mm)					
	50	75	100	125	150	200
1500	4.76	6.32	8.52	9.28	11.17	15.48
2700	2.69	3.11	4.27	5.46	6.66	9.09
3900	1.42	1.83	2.57	3.14	3.72	4.86
5100	-	-	1.55	1.88	2.22	2.89
6300	-	-	1.05	1.27	1.49	1.93
7500	-	-	-	0.93	1.08	1.40
8700	-	-	-	-	0.83	1.07

Multi-span, wind pressure acting outwards						
Span (mm)	Panel Thickness (mm)					
	50	75	100	125	150	200
1500	3.83	5.10	6.75	6.76	6.76	6.77
2700	2.17	2.87	3.80	3.80	3.80	3.81
3900	1.53	2.02	2.66	2.66	2.66	2.67
5100	-	-	2.01	2.06	2.06	2.07
6300	-	-	1.35	1.64	1.69	1.70
7500	-	-	-	1.19	1.39	1.44
8700	-	-	-	-	-	1.26

Recommended Use

House roofing, patios, pergolas, carports, portable buildings, home extensions, spray booths, wineries and most insulated roofing applications.

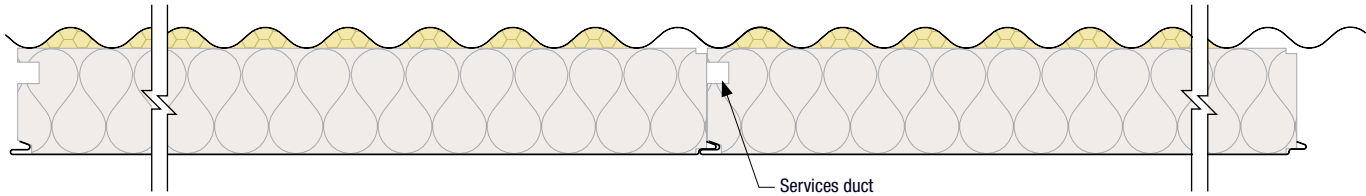
Core	EPS-FR (Expanded Polystyrene with fire retardant additive) PUR (Polyurethane Foam)
Width (cover)	1000mm
Thickness	50, 75, 100, 125, 150, 200mm
Length	Up to 16m (check for availability).
Exterior Facing Skin	0.42mm Colorbond® pre-painted steel. Flat 25% gloss.
Interior Facing Skin	0.6mm Colorbond® pre-painted steel. Flat 25% gloss.
Standard Exterior Colours	
Interior Facing Colours	
Finishes	Plain, Elegance
Acoustic Properties	R _w 24+ depending on thickness.
Recommended Pitch	5 degree minimum 1:15 for roofing.
Fire Hazard Properties - AS1530.3 indices	
Ignitability Index	0
Spread of Flame Index	0
Heat Evolved Index	0
Smoke Index	1

NOTES:

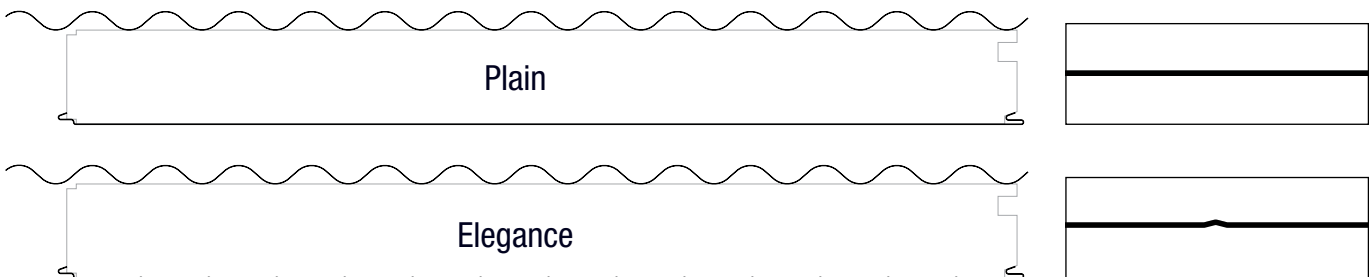
- Extended span tables including Region B, single span and multi-span wind pressure acting inwards are also available. Refer Bondor®.
- Fixing with 14g tek screws (or equivalent) at 4 ribs per panel per support are required.
- Pressures specified are for wind gusts only per AS 1170.
- Deflection limit of span/150 applies, and in accordance with Serviceability Limit State criteria per AS1170.0 - TABLE C1.
- Self weight of the panel has been allowed for, plus an allowance of up to 10kg/m² for light duty fittings (lights, etc.). No other dead loads permitted.
- Non-trafficable maintenance access (concentrated load) of 140kg (exceeding min. requirements of AS/NZS 1170.1:2002) on any one panel has been allowed for.
- Distributed live load of 0.25kPa (as per AS/NZS 1170.1:2001) has been allowed for.

^ Darker colours warranted for use in limited regions. Check with your local InsulRoof® dealer for more information.

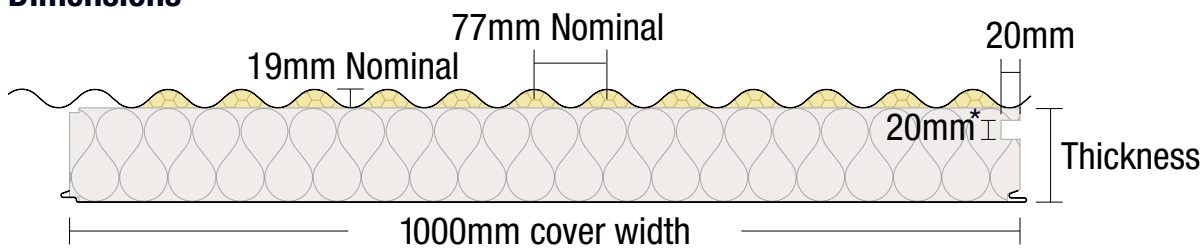
Joint



Profiles



Dimensions



* Services ducts 30x30mm are available for panel thicknesses 150-200mm.

Bondor® National Network

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To connect to your nearest Bondor® branch simply call 1300 300 099 or visit www.bondor.com.au