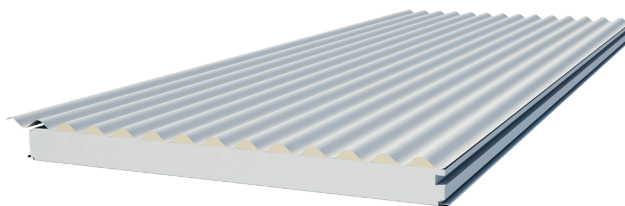


Product Description

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.



Panel Properties						
Panel Thickness (mm)	50	75	100	125	150	200
Mass (kg/m ²)	11.6	11.9	12.3	12.6	13.0	13.7
SL Grade Total R-value (m ² K/W)	1.6	2.3	2.9	3.5	4.2	5.4
VH Grade Total R-value (m ² K/W)	1.9	2.6	3.3	4.1	4.8	6.3

Note: The above Total R-values are for insulation average temperature of 15°C. Contact us for other temperatures and different EPS core grades.

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

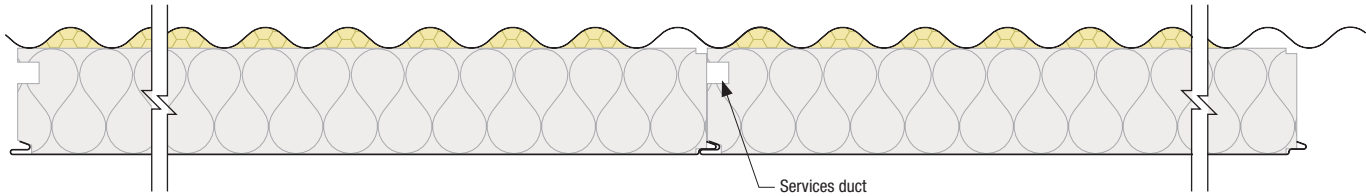
Multi-span, wind pressure acting outwards						
Span (mm)	Panel Thickness (mm)					
	50	75	100	125	150	200
1500	3.83	5.10	6.75	6.76	6.76	6.77
2700	2.17	2.87	3.80	3.80	3.80	3.81
3900	1.53	2.02	2.66	2.66	2.66	2.67
5100	-	-	2.01	2.06	2.06	2.07
6300	-	-	1.35	1.64	1.69	1.70
7500	-	-	-	1.19	1.39	1.44
8700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

Core	EPS-FR (Expanded Polystyrene with fire retardant) PUR (Polyurethane Foam)
Width (cover mm)	1000
Thickness (mm)	50, 75, 100, 125, 150, 200
Length	Up to 12m (check for availability)
External Material	0.42mm G550 Colorbond® pre-painted steel
External Finishes	Corrugated
Exterior Colour Options	Classic Cream™, Surfmist®, Paperbark®, Shale Grey™, Dune®, Pale Eucalypt®, Manor Red®**, Basalt®^, Woodland Grey®^**, Zinalume™
Internal Material	0.6mm G300 Colorbond® pre-painted steel
Internal Finishes	Plain, Elegance
Interior Colour Options	Classic Cream™, Surfmist®
Pitch	5 degree minimum
Paint System	AS/NZS 2728 & AS 1397
Accreditations	
Acoustic Properties	Rw 23 - 24 depending on thickness
Bushfire Attack Level	BAL-40
Fire hazard properties	AS/NZS 1530.3
Ignitability Index	0
Spread of Flame Index	0
Heat Evolved Index	0
Smoke Index	1

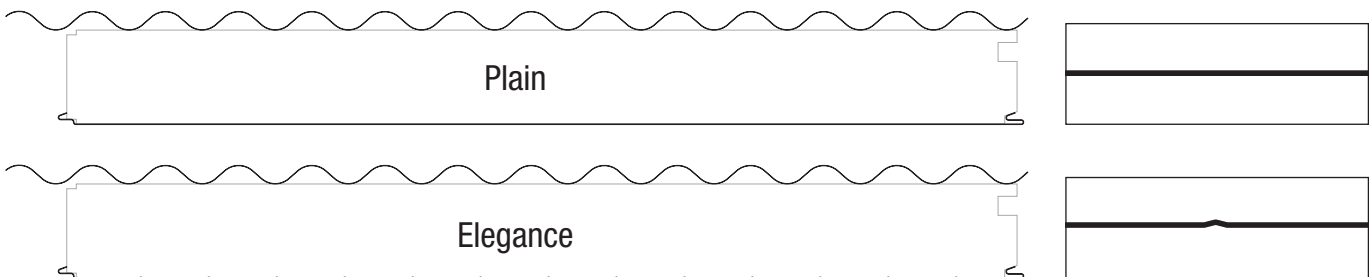
NOTES:

- 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.
- ** Limited availability.
^ Darker colours warranted for use in limited regions. Check with your local SolarSpan® dealer for more information.

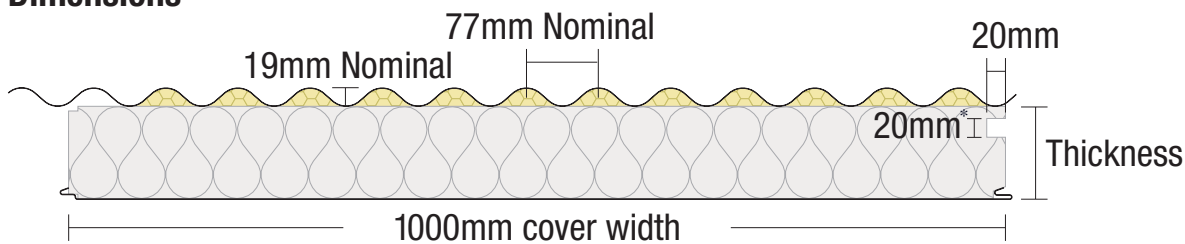
Joint



Profiles



Dimensions



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

Bondor® National Network

BRISBANE / EXPORT
103 Ingram Road
Acacia Ridge QLD 4110
T: 07 3323 8500
F: 07 3323 8501

MELBOURNE
329A St Albans Road
Sunshine VIC 3020
T: 03 8326 8000
F: 03 8326 8099

SYDNEY
49 – 53 Newton Road
Wetherill Park NSW 2164
T: 02 9609 0888
F: 02 9729 1114

PERTH
17 Gauge Circuit
Canning Vale WA 6155
T: 08 9256 0600
F: 08 9256 0620

ADELAIDE
70 – 72 Rundle Road
Salisbury South SA 5106
T: 08 8282 5000
F: 08 8282 5099

LAUNCESTON
7 Connector Park Drive
Kings Meadows TAS 7249
T: 03 6335 8500
F: 03 6335 8544

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