

Product Description

Equitilt® EPS-FR is an architectural walling panel system installed in a vertical or horizontal orientation that combines functionality with creative expression. Equitilt® is offered in a variety of metallic or standard COLORBOND® colours that can be mixed with surface profiles to deliver a stunning finish to a building's exterior and interior.

Panel Properties						
Panel Thickness (mm)	50	75	100	150	200	250
Mass (kg/m ²)	12.0	12.40	12.80	13.50	14.20	14.90
Thermal Performance (SL Grade)						
'R' Value (m ² K/W)	1.24	1.87	2.49	3.73	4.98	6.22

Span Table

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

SL Grade EPS-FR Core / 0.7mm 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	150	200	250
1500	4.27	6.40	8.53	12.80	17.07	21.33
2700	2.01	3.21	4.27	6.40	8.52	10.62
3900	1.03	1.54	2.05	3.07	4.08	5.10
5100	0.58	0.90	1.20	1.79	2.39	2.98
6300	0.35	0.59	0.78	1.17	1.56	1.95
7500	-	0.42	0.55	0.83	1.10	1.38
8700	-	0.31	0.41	0.62	0.82	1.02

Multi-span, wind pressure acting outwards						
Span (mm)	Panel Thickness (mm)					
	50	75	100	150	200	250
1500	3.41	5.12	6.83	10.24	12.53	12.53
2700	1.90	2.84	3.79	5.69	6.96	6.96
3900	1.03	1.54	2.05	3.07	4.08	4.82
5100	0.60	0.90	1.20	1.79	2.39	2.98
6300	0.40	0.59	0.78	1.17	1.56	1.95
7500	0.28	0.42	0.55	0.83	1.10	1.38
8700	-	0.31	0.41	0.62	0.82	1.02



Colorbond®
 Made for Australia

Core	EPS-FR (Expanded Polystyrene with fire retardant)
Width (cover mm)	1200, 900 (non-std)
Thickness (mm)	50, 75, 100, 150, 200, 250; non-std options available
Length	Up to 16m (check for availability)
Exterior Facing Skin	0.6mm, 0.7mm G300 COLORBOND® steel
Interior Facing Skin	0.6mm, 0.7mm G300 COLORBOND® steel
Exterior Facing Colour	Standard & Non-Standard colours. Check for availability.
Interior Facing Colour	Standard & Non-Standard. Check for availability.
Finishes	Plain, Ribbed, Satinline, Shadowline Series 600/1200
Acoustic Properties	EPS-FR R _w 24-25 depending on thickness
Fire Hazard Properties - AS 1530.3 indices	
Ignitability Index	0
Spread of Flame Index	0
Heat Evolved Index	0
Smoke Index	2-3

AS/ISO 9705 - BCA Group Number (Spec C1.10a)

Equitilt® EPS-FR steel skinned insulated building panels conform to the requirements of the BCA Specification C1.10a as either Group 2 or Group 1 depending on the thickness and construction detail.

Group 1

Panel up to 250mm thick with steel 'wall-wall' and 'wall-ceiling' angles fixed with steel rivets or screws at 1200mm centres is classified as Group 1.

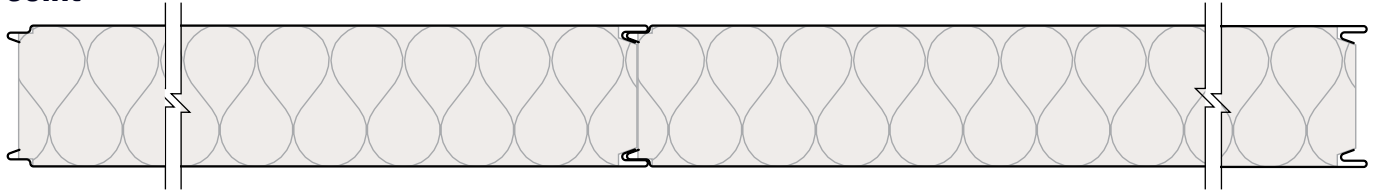
Group 2

Panel 150mm or less with an aluminium 'wall-wall' and 'wall-ceiling' angles fixed with aluminium rivets or screws at 300mm centres is classified as Group 2. Panel thicker than 150mm requires steel 'wall-wall' and 'wall-ceiling' angles fixed with steel rivets or screws at 300mm centres to be classified as Group 2.

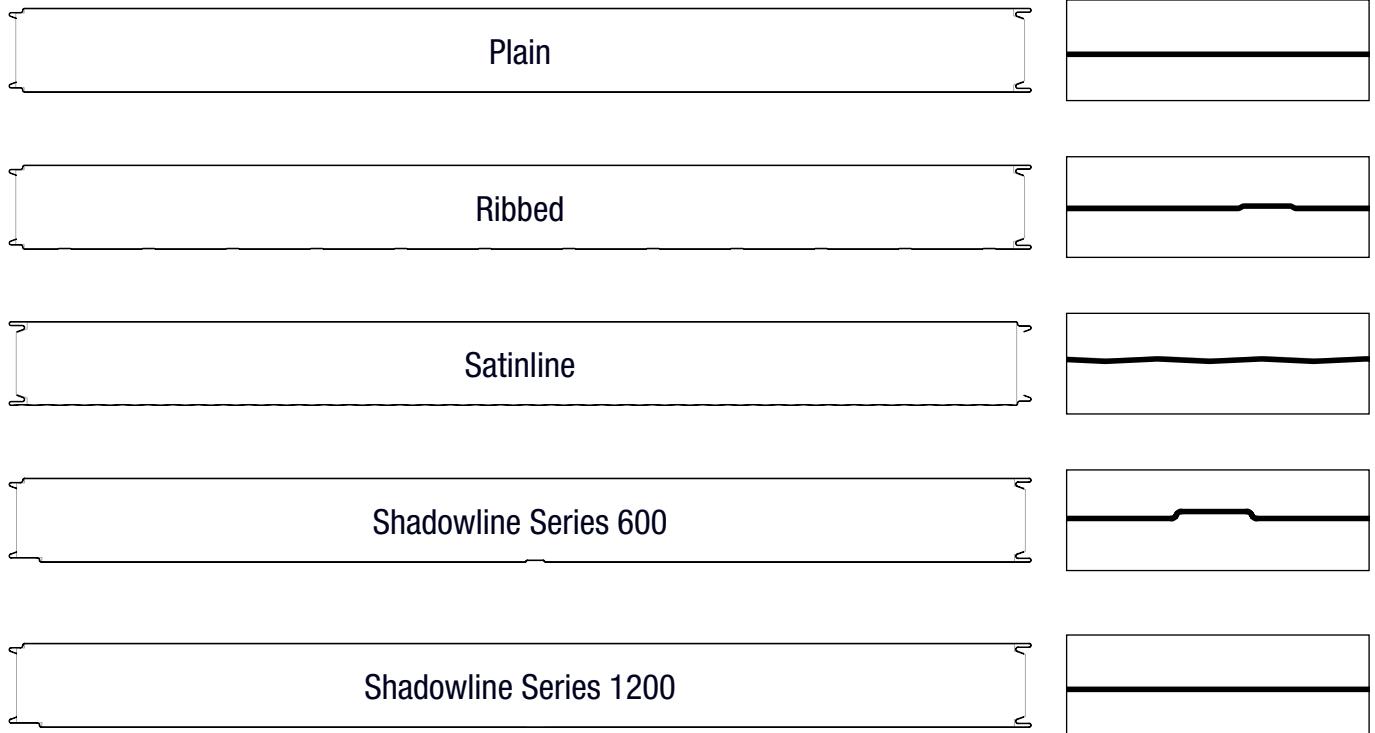
NOTES:

- Extended span tables including wind pressure acting inwards are also available. Refer Bondor®.
- Fixing with min. 4x 14g tek screws or 2x mushroom head bolts per panel are required concealed fixings are available. Refer Bondor®.
- 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.

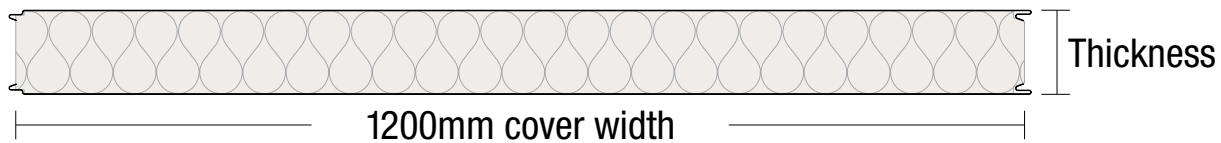
Joint



Profiles



Dimensions



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