





Product Description

Metecnolnspire® is an insulated architectural facade system that offers architects and designers an inspiring palette of colours, attractive surface profiles and excellent thermal properties. Metecnolnspire® also offers an innovative concealed fix system making it an ideal solution for Inspired facade or walling designs.

Panel Properties			
Panel Thickness (mm)	50	80	100
Typical Mass (kg/m²) based on 0.6/0.5mm skins	13.9	15.1	16.0
Total R-value (m ² K/W)	2.7	4.3	5.3

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

Span Table

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

PIR Core / 0.6mm Hi-tensile External / 0.5mm 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	80	100		
1500	2.93	4.69	5.87		
2400	1.83	2.93	3.67		
3300	1.29	2.06	2.57		
4200	0.80	1.27	1.59		
5100	0.54	0.86	1.08		
6000	0.39	0.62	0.78		

Multi-span, wind pressure acting outwards				
Span (mm)	Panel Thickness (mm)			
	50	80	100	
1500	2.35	3.75	4.69	
2400	1.47	2.35	2.93	
3300	1.07	1.71	2.13	
4200	0.84	1.34	1.68	
5100	0.69	1.10	1.38	
6000	0.57	0.92	1.16	









Made for Australia

Core	PIR (Fire retardent Polyippeyenurete)
Midth (aguar mm)	(Fire-retardant Polyisocyanurate)
Width (cover mm)	1100
Thickness (mm)	50, 80, 100
Length	Up to 16m (check for availability)
External Material	BlueScope® Steel 0.5mm, 0.6mm G300
External Finishes	Single V Rib, V Rib, Double V Rib, Micro V Rib, Satinline
Exterior Colour Options	Classic Cream™, Surfmist®, Paperbark®, Evening Haze®, Shale Grey™, Dune®, Cove™, Windspray®, Pale Eucalypt®, Gully™, Mangrove®, Wallaby®, Jasper®, Manor Red®, Terrain®, Basalt®, Woodland Grey®, Monument®, Ironstone®, Cottage Green®, Deep Ocean®, Night Sky®. Metallics: Galatic™, Cosmic™, Rhea™, Astro™, Aries™, Celestian™
Internal Material	BlueScope® Steel 0.5mm, 0.6mm G300
Internal Finishes	Plain
Interior Colour Options	Permaguard® White
Paint System	AS/NZS 2728 & AS 1397
Accreditations	
Bushfire Attack Level	BAL-40
FM Approval	4880, 4881
Environmental	Zero Ozone Depleting Potential (ODP)
Fire hazard properties	AS/NZS 1530.3
Ignitability Index	0
Spread of Flame Index	0
Heat Evolved Index	0
Smoke Index	1

NOTES

- 1. Pressures specified are for wind gusts only per AS/NZS 1170.2.
- Deflection limit of span/150 applies, and in accordance with Serviceability Limit State criteria per AS/NZS 1170.0 TABLE C1.
- 3. Fixing with mushroom head bolts (x2 off) minimum per fixing point are required.
- This span table applies to non-cyclonic regions only. Bondor[®] tests comply with details outlined in AS 4040.0, AS 4040.1, AS 4040.2, AS 4040.3, AS 1562.1 and AS/NZS 1170.1.
- 5. Correct at time of publishing. Refer Metecno for updates.
- 6. Refer to your certifying engineer for panel selection.

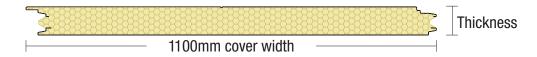




Technical Data Sheet

BON0126 Bondor Tech Data Sheets - MetecnoInspire v6

Joint Profiles Single V Rib Double V Rib V Rib Micro Rib Satinline **Dimensions**



Bondor® National Network

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

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

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

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

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

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

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