

Product Description

LuxeWall® is a modern, lightweight residential wall cladding solution developed with a concealed fixing system to fasten to timber and metal stud wall framing. The system uses architectural steel faced insulated wall cladding concealed fixed in a vertical orientation. LuxeWall® is available in standard wall thicknesses of 50mm & 75mm (Note: 90 to 200mm wall thicknesses are available via special order).

LuxeWall® Thermal Performance of integrated insulation (SmartRate certified Total R-Values)

LuxeWall® Performance	Total R Value Without Batts	Total R Value with R1.5 Batts	Total R Value with R2.0 Batts
LuxeWall® Standard 50mm	R1.8	R3.1	R3.6
LuxeWall® Standard 75mm	R2.4	R3.7	R4.2

*LuxeWall® SmartRate certified Total R-Values (m²K/W) at 23°C based on NCC2016 Spec J1.5 Wall Construction. Refer to NCC for application and local climate zone requirements.



Core	EPS-FR with CorePlus®
Width (cover mm)	900
Thickness (mm)	50, 75 (other thicknesses available on request)
Length	Up to 6.5m (check for availability)
External Material	BlueScope® COLORBOND® Steel 0.6mm G300
External Finishes	Smooth, VJ*
Exterior Colour Options	Metallic Cosmic®, Metallic Astro®, Matt Basalt®, Matt Surfmist®
Internal Material	BlueScope® COLORBOND® Steel 0.6mm G300 with HygienePlus®
Internal Finishes	Smooth
Interior Colour Options	Surfmist
BCA	C1.10 Group 1 & 2
Paint System	AS 2728 & AS 1397-2011
Acoustic Properties	Rw 25
Fire Hazard Properties	AS 1530.3
Ignitability Index	0
Spread of Flame Index	0
Heat Evolved Index	0
Smoke Index	2-3

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

LuxeWall® EPS-FR steel skinned insulated building panels conform to the requirements of the BCA Specification C1.10 as either Group 1 or 2 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.

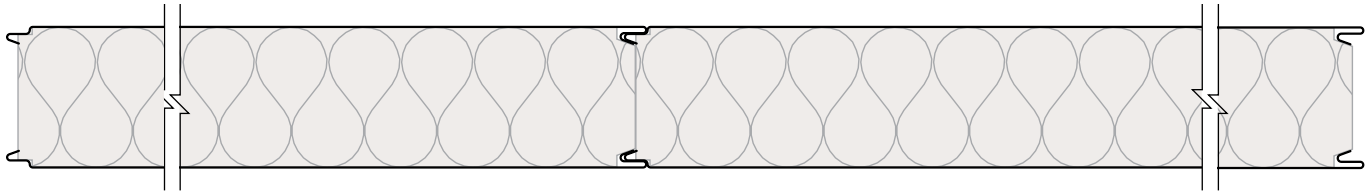
Group 2: Panel 150mm or less with an aluminium 'wall-wall' and 'wall-ceiling' angles fixed with aluminium rivets or screws at 300mm centres is classified as Group 2. Panel thicker than 150mm requires steel 'wall-wall' and 'wall-ceiling' angles fixed with steel rivets or screws at 300mm centres to be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

Span Table

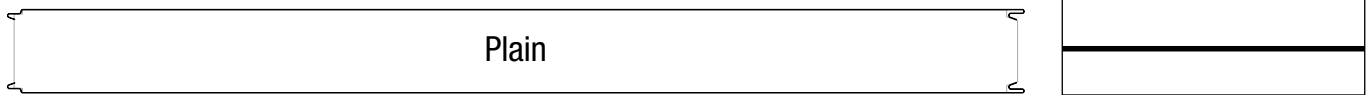
Wind Classification	Ultimate Wind Pressure (kPa)		Number of Top Hats Battens per Panel (LuxeWall® Standard & FG)											
	Away from corners	Within 1200mm of corners	Wall Height (Panel length in vertical orientation) (mm)											
			Stud Spacing (mm)	≤2400		≤2700		≤3000		≤3300		≤6500		
				Panel Location		Panel Location		Panel Location		Panel Location		Panel Location		
			Typical	Corner	Typical	Corner	Typical	Corner	Typical	Corner	Typical	Corner		
N1	0.53	0.94	600	2	3	2	3	2	3	2	3	3	5	
N2	0.74	1.30	600	2	3	3	3	3	3	3	4	4	6	
N3	1.16	2.03	600	3	4	3	4	3	5	3	5	5	8	
N3	1.16	2.03	450	3	3	3	4	3	4	3	4	4	6	
N4	1.72	3.01	450	3	4	3	5	3	5	4	5	6	9	

Batten Spacings are based on fixing strength and check LuxeWall® span. kl=2.0 is for within 1200mm of wall corners. Top Hat Battens require 2 fixings per stud and LuxeWall® fixed at 300mm centres. M6 Roofzips to be used to fix battens into LuxeWall® modules.

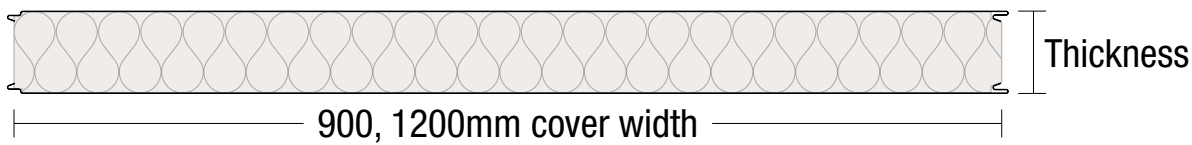
Joint



Profiles



Dimensions



Bondor® National Network

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F: 07 3323 8501

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49 – 53 Newton Road
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Salisbury South SA 5106
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