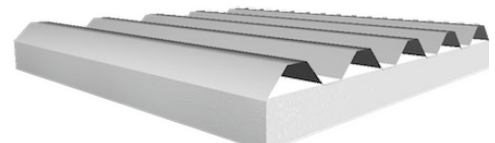
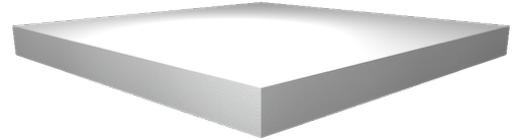


Product Description

Our Flame Retardant PIR wall panels are used in cold storage, food preparation and clean rooms. Other applications include transportable offices, wall partitions.

Core:	PIR (Polyisocyanurate) 45kg/m ³
Width (cover mm):	Wall: 1000mm
Thickness (mm):	100.
Length:	Up to 6.5m
External Material:	0.5mm Al-Zn Coated Steel
External Colour:	Surf mist



NOTES:

This span table labelled Internal Cold Storage applies for cold storage constructed wholly within a larger enclosed building.

Panel thicknesses of not less than 100mm are recommended for chillers.

Check 'R' value for insulation requirements.

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 on any one panel has been allowed for.

Ceiling panels fixed with minimum 14g tek screws (x4 off) or mushroom head bolts (x2 off) per fixing point are required.

PIR Wall Panel Properties

Thickness (mm)	50	100
Mass (kg/m ²)	9.8	13.25
R-value m ² K/W @ 23°C	2.2	4.4
Thermal Conductivity		0.020 W/mK
Pressure Strength		10 N/m ²

Fire Retardant Testing Results (Refer flame retardant test report)

Total Heat Release Rate		1.4 MJ/m ²
Gas release test (min:sec)		14:48

(1 & 2 Span) Internal Cold Storage - Maximum Span (mm)

Thickness (mm)	50	100
Walls (non-load bearing)	3800	5700
walls (load bearing)	3600	5500
Ceilings (using roof panels)	4200	6200

(3 or more Span) Internal Cold Storage - Maximum Span (mm)

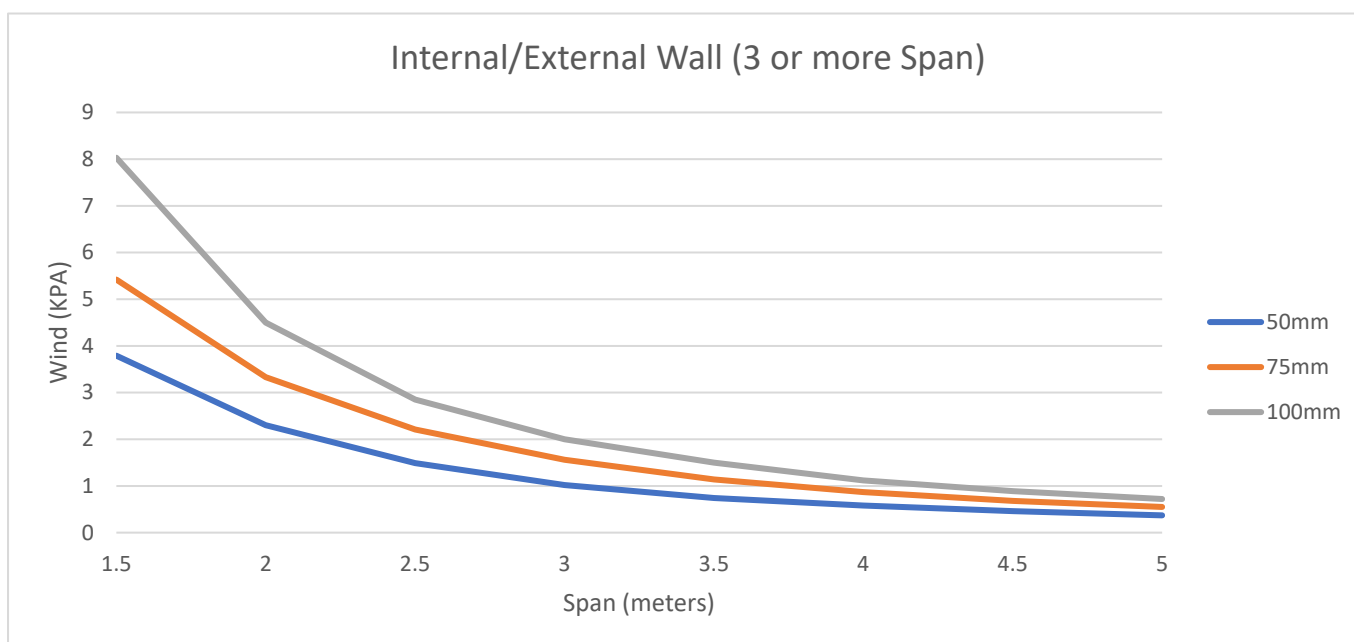
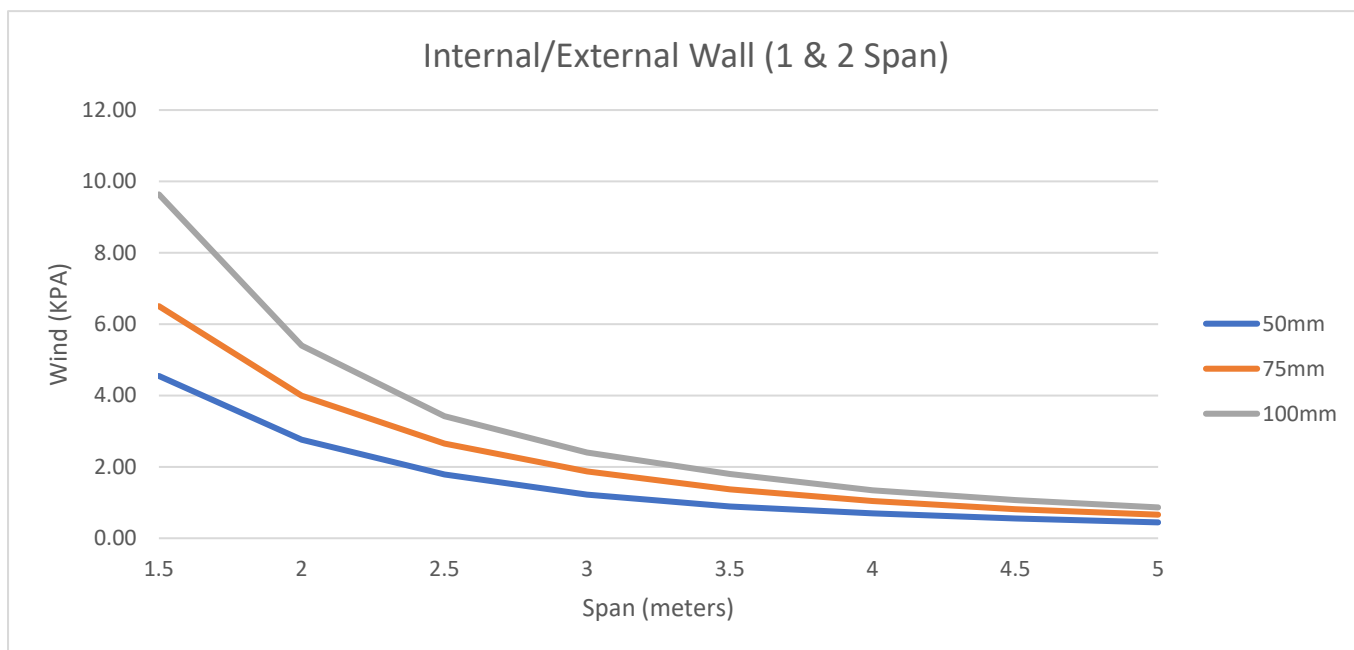
Thickness (mm)	50	100
Walls (non-load bearing)	3700	5500
walls (load bearing)	3500	5350
Ceilings (using roof panels)	4050	6050

Span Tables Wall Panels (NON-CYCLONIC REGIONS A&B)

Maximum uniformly distributed ultimate wind load (kPa) for the given span:

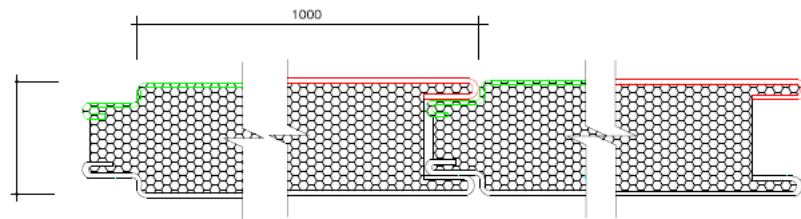
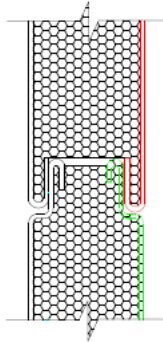
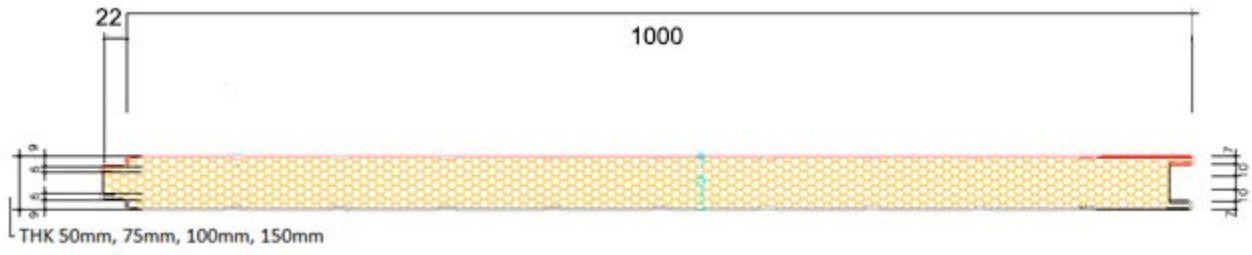
Internal/External (Wall Panels - 1 or 2 Span)			
Span (m)	50mm	75mm	100mm
1.5	4.55	6.50	9.64
2	2.76	4.00	5.40
2.5	1.79	2.65	3.42
3	1.22	1.87	2.40
3.5	0.89	1.37	1.80
4	-	1.04	1.34
4.5	-	-	1.07
5	-	-	-

Internal/External (Wall Panels - 3 or more Span)			
Span (m)	50mm	75mm	100mm
1.5	3.79	5.42	8.03
2	2.3	3.33	4.5
2.5	1.49	2.21	2.85
3	1.02	1.56	2
3.5	0.74	1.14	1.5
4	-	0.87	1.12
4.5	-	-	0.89
5	-	-	-



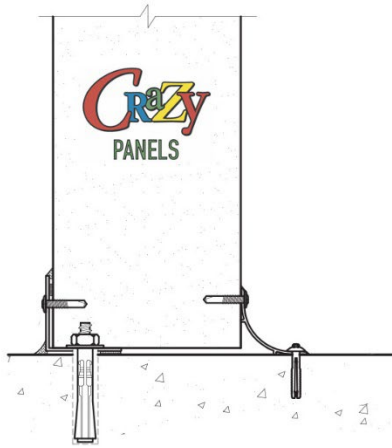
NOTES: Self-weight of the panel has been allowed for, plus an allowance of up to 10kg/m² for light duty fittings (lights, etc.). No other dead loads permitted. Pressures specified are for wind gusts only per AS/NZS 1170.2

Wall Panel Profile

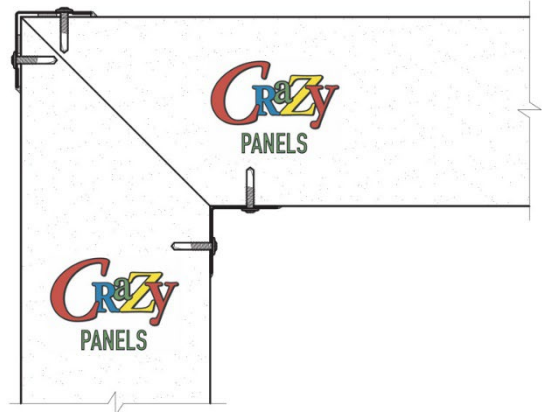


PANEL JOINS FOR COOL ROOM APPLICATIONS

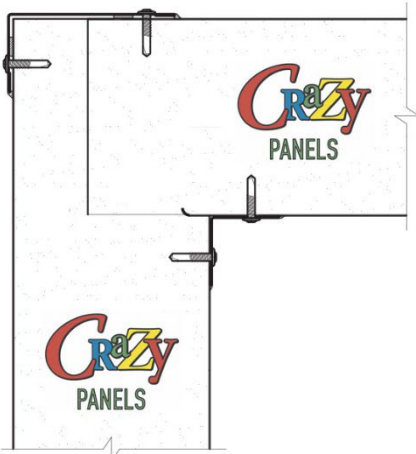
Floor to Wall Connection



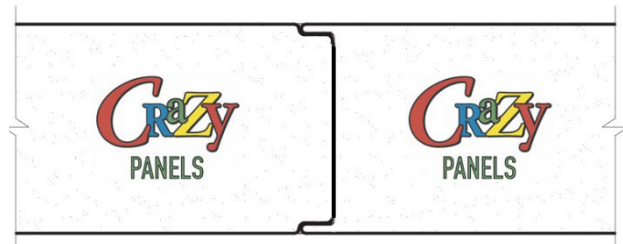
Wall to Wall Corner



CEILING TO EXTERNAL WALL



Panel to Panel Connection





97 SHEFFIELD ROAD, WELSHPOOL, WA

PH: 1300 543 336

team@crazypanels.com.au

ALL PRICES INCLUSIVE OF GST

EFFECTIVE: 1 July, 2023.

COVERAGE:

WALL: 1000mm

ROOF: 1000mm

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EPS WALL PANELS (0,5mm Steel Skin)

		M ²	2.4 M	2.7 M	3.0 M	3.6 M	4.8 M	6.0 M
EPS	50mm Flat	\$55.00 9.25 kg	\$132.00 22.2 kg	\$149.00 25 kg	\$165.00 27.8 kg	\$198.00 33.3 kg	\$264.00 44.4 kg	\$330.00 55.5 kg
	75mm Flat	\$65.00 9.4 kg	\$156.00 22.6 kg	Special Order	\$195.00 28.2 kg	\$234.00 33.8 kg	\$312.00 45.1 kg	\$390.00 56.4 kg
	100mm Flat (Special Order > 3m)	\$80.00 9.55 kg	\$192.00 22.9 kg	Special Order	\$240.00 28.2 kg	\$288.00 33.8 kg	Special Order	Special Order

EPS ROOFING PANELS (0,5mm Steel Skin)

		M ²	2.4 M	2.7 M	3.0 M	3.6 M	4.8 M	6.0 M
EPS	50mm Roof	\$75.00 9.6 kg	\$180.00 23 kg	N/A	\$225.00 28.8 kg	\$270.00 34.6 kg	\$360.00 46.1 kg	\$450.00 57.6 kg
	75mm Roof	\$85.00 10 kg	\$204.00 24 kg	N/A	\$255.00 30 kg	\$306.00 36 kg	\$408.00 48 kg	\$510.00 60 kg

FLAME RETARDANT PIR COOL ROOM PANELS (0,5mm Steel Skin)

PIR	50mm Flat	\$85.00 9.8 kg	\$204.00 23.5 kg	\$230.00 26.5 kg	Special Order	Special Order	Special Order	Special Order
	100mm Flat	\$105.00 13.25 kg	\$252.00 31.8 kg	Special Order	\$315.00 39.8 kg	\$378.00 47.7 kg	Special Order	Special Order

Special Orders	Special orders incur additional 10% charge, and may be subject to minimum 200m ² .
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Delivery Options	Metro, back to base: \$80.00 per hour (minimum 2hrs), assistance required to unload, or fork lift available.
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Panel Cuts	Panels can be cut to length for \$22.00 per cut
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team@crazypanels.com.au













Panels

www.crazypanels.com.au



ALL PRICES INCLUSIVE OF GST

EFFECTIVE: 1 July 2023.






ALUMINIUM EXTRUSIONS

PROFILE	DESCRIPTION	MILL	SURFMIST
	50mm Channel (53 x 25 x 1.5mm) 6.5m	\$50.00	\$60.00
	75mm Channel (78 x 38 x 1.5mm) 6.5m	\$60.00	\$75.00
	100mm Channel (103 x 38 x 1.5mm) 6.5m	\$95.00	\$105.00
	Corner Channel Joiner 50mm 5.1m	\$80.00	N/A
	Angle 25 x 25 x 1.5mm 6.5m	N/A	\$40.00
	Angle 35 x 35 x 1.6mm 6.5m	N/A	\$45.00
	Angle 50 x 50 x 1.6mm 6.5m	\$50.00	\$60.00
	Angle 70 x 40 x 1.5mm 6.5m	\$50.00	\$60.00
	Angle 90 x 40 x 1.5mm 6.5m	N/A	\$70.00
	Coving 35mm x 35mm x 1.4mm 6.5m	\$30.00	\$35.00
	Tbar 40 x 40 x 1.6mm 6.5m	N/A	\$45.00
	Coving Corner Block 35mm	\$11.00	\$13.00






SAW BLADES

PROFILE	DESCRIPTION	Arbour	PRICE
	Circular Saw Blade 165mm - Metal	20mm	\$40.00
	Circular Saw Blade 184mm - Metal	20mm	\$45.00

FLASHINGS

PROFILE	DESCRIPTION	50mm	75mm
	Barge Capping - Female Side Roof 6.1m	\$135.00	\$140.00
	Edge Capping - Male Side Roof 6.1m	\$110.00	\$125.00
	Roofing Fascia 6.1m	\$155.00	\$165.00
	Receiver Channel 1.2mm 3m	N/A	\$85.00
	Receiver Channel 0.56mm 4m	\$75.00	\$85.00

FIXINGS

PROFILE	DESCRIPTION	Single	Box 50
	Buildex 14G 125mm Cyclone Tek	\$1.60	\$75.00
	Buildex 14G 125mm Cyclone Wood	\$1.60	\$75.00
	Buildex 14G 150mm Cyclone Tek	\$1.80	\$85.00
	Buildex 14G 150mm Cyclone Wood	\$1.80	\$85.00
	Nut Setter 3/8" 65mm	\$3.50	N/A