

# CRAZY PANELS

## EPS CN WALL PANELS Technical Data Sheet

Our EPS wall panels are used in cold storage, food preparation and clean rooms. Other applications include transportable offices, wall partitions and many other applications.

<b>Core</b>	EPS (Expanded Polystyrene) 16kg/m <sup>3</sup>
<b>Width</b> cover mm	Wall 1100mm
<b>Thickness</b> mm	50, 75, 100
<b>Length</b>	Up to 6000mm
<b>External Material</b>	0.5mm Al-Zn Coated Steel
<b>External Colour</b>	Surf Mist

### Properties

Thickness	50mm	75mm	100mm
<b>Mass</b> kg/m <sup>2</sup>	9.25	9.4	9.55
<b>R-value</b> m <sup>2</sup> K/W @ 23°C	1.25	1.8	2.35

### 1 & 2 Span Internal Cold Storage Maximum Span mm

Thickness	50mm	75mm	100mm
<b>Walls</b> non-load bearing	3600	4750	5700
<b>Walls</b> load bearing	3500	4500	5500

### 3 or more Span Internal Cold Storage Maximum Span mm

Thickness	50mm	75mm	100mm
<b>Walls</b> non-load bearing	3500	4550	5500
<b>Walls</b> load bearing	3400	4400	5350

### 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/m<sup>2</sup> 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.

## Span Tables 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 mm	Thickness		
	50mm	75mm	100mm
1500	4.55	6.50	9.64
2000	2.76	4.00	5.40
2500	1.79	2.65	3.42
3000	1.22	1.87	2.40
3500	0.89	1.37	1.80
4000	-	1.04	1.34
4500	-	-	1.07
5000	-	-	-

### Internal/External Wall Panels 3 or more Span

Span mm	Thickness		
	50mm	75mm	100mm
1500	3.79	5.42	8.03
2000	2.3	3.33	4.5
2500	1.49	2.21	2.85
3000	1.02	1.56	2
3500	0.74	1.14	1.5
4000	-	0.87	1.12
4500	-	-	0.89
5000	-	-	-

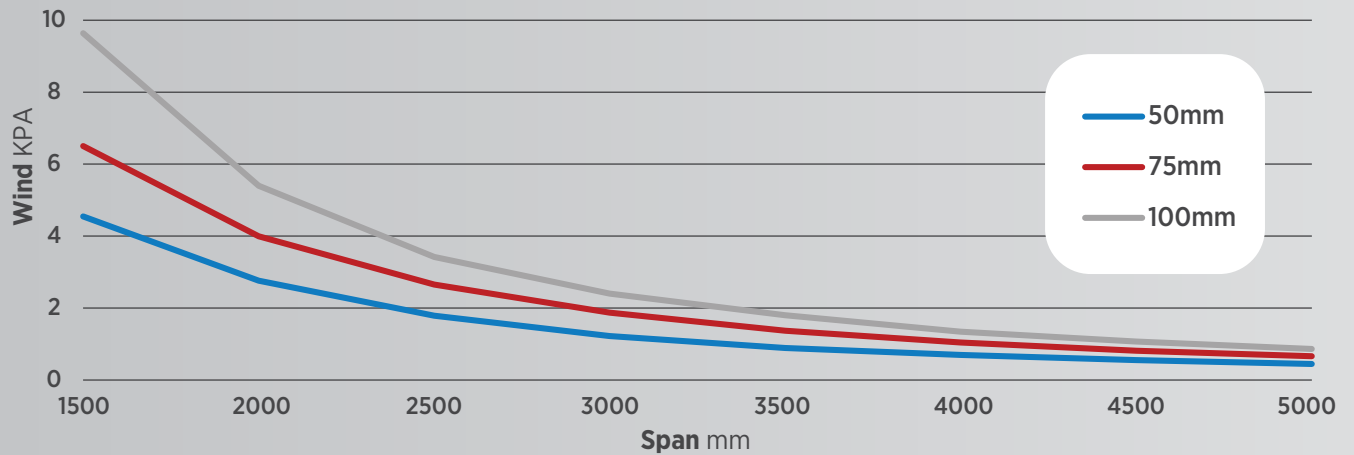


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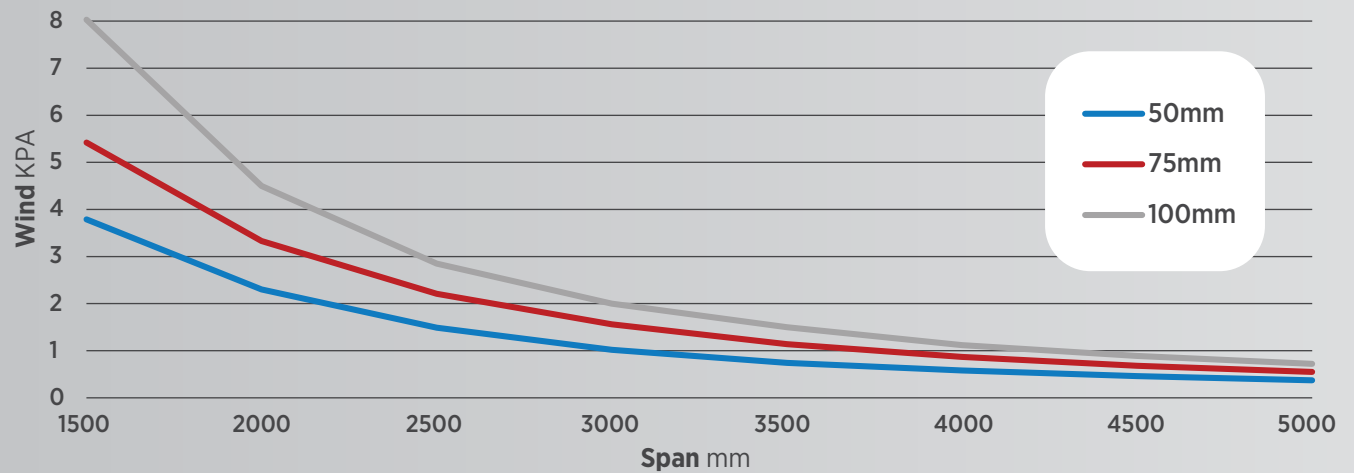
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## Internal/External Wall 1 & 2 Span



## Internal/External Wall 3 or more Span

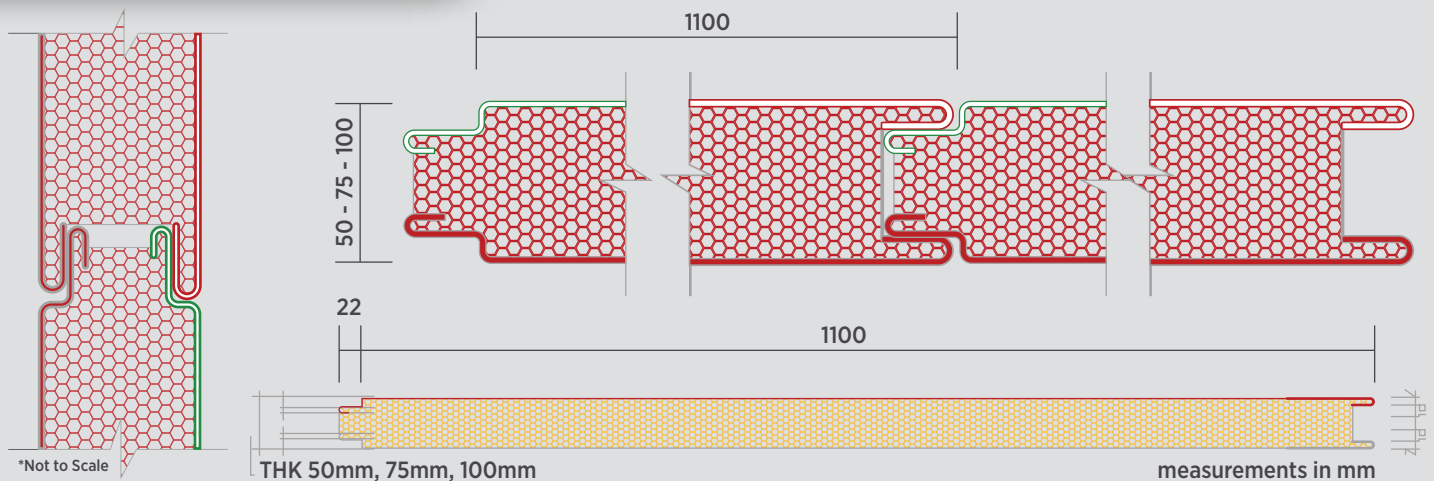


### NOTES

**Self weight of the panel** has been allowed for, plus an allowance of up to 10kg/m<sup>2</sup> for light duty fittings (lights, etc.). No other dead loads permitted.

**Pressures specified** are for wind gusts only per AS/NZS 1170.2

## EPS CN Wall Panel Profile



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