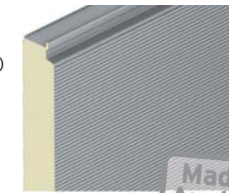


# Insulated LongSpan™ wall panel systems - KS1000 LS



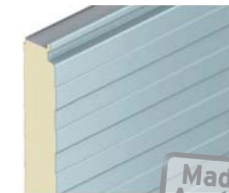
Micro-Rib (MR)

Made in Australia



Mini-Micro (MM)

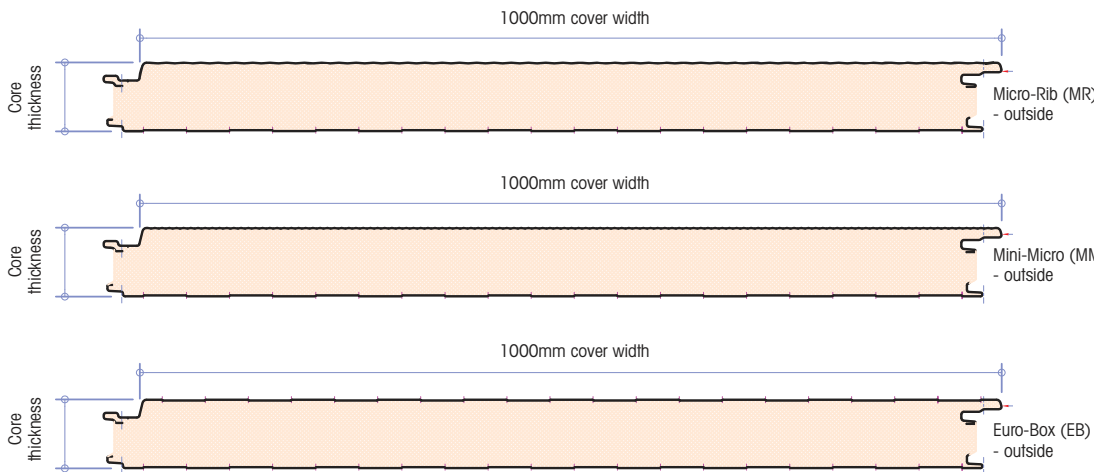
Made in Australia



Euro-Box (EB)

Made in Australia

Available in 3 profiles Micro-Rib (MR), Mini-Rib (MM) and Euro-Box (EB)



Core thickness (mm)	100	140
R-Value (m <sup>2</sup> K/W)	5.15	7.15
Weight kg/m <sup>2</sup> 0.5/0.4 steel	13.2	14.8

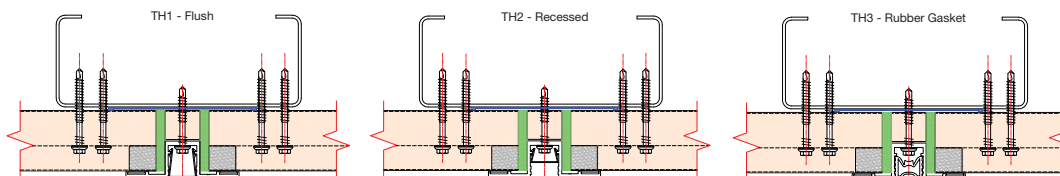
## Deflection Ratio

Pressure = Span/100    Suction = Span/100

Unfactored Load/Span Table (Use calculated design windload values unfactored)

SPAN CONDITION	Core Thickness (mm)	LoadType	Uniformly Distributed Loads (kPa)																
			Span L in Metres																
			3.0	3.2	3.4	3.6	3.8	4.0	4.2	4.4	4.8	5.2	5.6	6.0	6.4	6.8	7.2	7.6	8.0
SINGLE SPAN Outer Sheet 0.5mm steel Inner Sheet 0.4mm steel $\overbrace{\hspace{1cm}}^L$	100	Pressure	3.56	3.33	2.96	2.65	2.37	2.13	1.92	1.73	1.41	1.17	0.97	-	-	-	-	-	-
		Suction	2.57	2.26	2.00	1.78	1.60	1.45	1.31	1.19	1.00	0.86	0.74	-	-	-	-	-	-
	140	Pressure	3.75	3.50	3.31	3.11	2.96	2.80	2.68	2.55	2.33	2.15	1.93	1.66	1.44	1.25	1.10	0.96	0.85
		Suction	3.75	3.50	3.31	3.11	2.96	2.80	2.62	2.44	2.05	1.74	1.50	1.31	1.15	1.02	0.90	0.78	0.68
DOUBLE SPAN Outer Sheet 0.5mm steel Inner Sheet 0.4mm steel $\overbrace{\hspace{1cm}}^L$ $\overbrace{\hspace{1cm}}^L$	100	Pressure	3.56	3.33	2.99	2.55	2.20	1.91	1.68	1.49	1.19	0.98	0.82	0.69	<i>not applicable as exceeds maximum panel length in double span condition</i>				
		Suction	2.57	2.26	2.00	1.78	1.60	1.45	1.31	1.19	1.00	0.86	0.74	0.64					
	140	Pressure	3.75	3.50	3.31	3.11	2.96	2.80	2.68	2.55	2.33	2.15	2.00	1.77					
		Suction	3.75	3.50	3.31	3.11	2.96	2.80	2.62	2.44	2.05	1.74	1.50	1.31					

## Vertical Joint Options



Note:  
Number of fixings determined by fastener calculation - contact Technical Services for further information.

For further technical information, please contact Kingspan Technical Services on (03) 358 7536

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