



SPANNING

Size Factor	Width (m)								
	0.25	0.50	0.75	1.00	1.25	1.50	1.75	2.00	
Panel length (m)	0.25	A	A	A	A	A	A	A	A
	0.50	A	B	C	D	D	D	D	D
	0.75	A	C	E	F	G	G	G	G
	1.00	A	D	F	H	I	I	K	K
	1.25	A	D	G	I	K	L	M	N
	1.50	A	D	G	I	L	N	O	P
	1.75	A	D	G	K	M	O	Q	R
	2.00	A	D	G	K	N	P	R	S
	2.25	A	D	G	K	N	Q	S	T
	2.50	A	D	G	K	O	Q	T	U
	2.75	A	D	G	L	O	Q	T	V
	3.00	A	D	G	L	O	R	T	V
	3.25	A	D	G	L	O	R	U	
	3.50	A	D	G	L	O	R	U	
	3.75	A	D	G	L	O	R	U	
	4.00	A	D	G	L	O	R	U	
4.25	A	D	G	L	O	R	U		
4.50	A	D	G	L	O	R	U		
4.75	A	D	G	L	O	R	U		
5.00	A	D	G	L	O	R	U		

Example:

For a panel 2m long by 1m wide with a 1kN/m² load

1. On the size factor table find the 2m long row
2. Read across this row to the 1m wide column
3. Where this row and column cross gives a value of K for the panel **size factor**
4. Use this panel **size factor** on the **sheet thickness** table
5. Read across the row for K to the 1kN/m² column
6. Where this row and column cross gives a value for the recommended sheet thickness of 8mm

Sheet Thickness (mm)	Load (kN/m ²)								
	0.60	0.75	1.00	1.50	2.00	3.00	4.00	5.00	
Size Factor	A	2	3	3	3	4	4	4	5
	B	3	3	3	4	4	5	5	6
	C	3	4	4	5	5	6	6	6
	D	4	4	5	5	6	6	8	8
	E	4	5	5	6	6	8	8	8
	F	5	5	6	6	8	8	10	10
	G	5	6	6	8	8	10	10	10
	H	6	6	8	8	10	10		
	I	6	8	8	10	10			
	K	8	8	8	10	10			
	L	8	8	10	10				
	M	8	10	10					
	N	8	10	10					
	O	10	10	10					
	P	10	10						
	Q	10							
R	10								



Brett Martin Ltd. pursues a policy of continuous product development and reserves the right to amend specifications without notice.

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REF CODE AFS_App_Spanning
26.08.2015