

Deflection Data - Sheet 5



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Bar Type	Easiglaze 16 & 25
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Glazing Type	Polycarbonate
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Glazing Centres (mm)	600			700			800			900			950			1000			1050			1100			1200					
Wind Load (kN/m ²)	0.50	0.90	1.09	0.50	0.90	1.09	0.50	0.90	1.09	0.50	0.90	1.09	0.50	0.90	1.09	0.50	0.90	1.09	0.50	0.90	1.09	0.50	0.90	1.09	0.50	0.90	1.09			
Deflection (mm)																														
SPAN (mm)																														
600	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	0	1	0	1	1	0	1	1	0	1	1	0	1	1
800	0	1	1	0	1	1	0	1	1	0	1	2	0	1	2	0	2	2	0	2	2	1	2	2	1	2	2	1	2	2
1000	1	2	3	1	3	3	1	3	4	1	3	4	1	4	4	1	4	5	1	4	5	1	4	5	1	4	5	1	4	5
1200	1	5	6	2	5	7	2	6	7	2	7	8	2	7	9	2	8	9	2	8	10	3	8	10	3	8	10	3	9	11
1400	3	8	10	3	10	12	3	11	14	4	13	16	4	13	16	4	14	17	5	15	18	5	16	19	5	16	19	5	17	21
1600	4	14	18	5	17	21	6	19	24	7	22	27	7	23	28	7	24	29	8	25	31	8	27	32	8	27	32	9	29	35
1800	7	23	28	8	27	33	9	31	38	11	35	43	11	37	45	12	39	47	12	41	50	13	43	52	13	43	52	14	46	57
2000	11	35	43	13	41	50	14	47	58	16	53	65	17	56	68	18	59	72	19	62	76	20	65	79	20	65	79	22	71	86
2200	22	52	63	26	60	74	30	69	84	33	78	95	35	82	100	37	86	105	39	91	111	41	95	116	41	95	116	45	104	127
2400	31	73	90	36	86	105	41	98	119	46	110	134	49	116	142	51	122	149	54	128	157	56	134	164	56	134	164	61	147	179

	Indicates deflection above recommended level, however material will not fail
	Indicates deflection / stress levels which will cause the bar to fail.