

## Deflection Data - Sheet 4



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Bar Type	Multi-Link 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 <sup>2</sup> )	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)																														
2400	4	7	9	5	9	11	5	10	12	6	11	14	6	12	14	7	12	15	7	13	16	7	14	17	8	15	18	8	15	18
2600	5	10	12	6	12	15	7	14	17	8	15	19	9	16	20	9	17	21	10	18	22	10	19	23	11	20	25	11	20	25
2800	7	14	17	9	16	20	10	18	22	11	21	25	12	22	26	12	23	28	13	24	29	14	25	31	15	27	33	15	27	33
3000	10	18	22	11	21	26	13	24	29	15	27	33	15	29	35	16	30	37	17	32	39	18	33	40	19	36	44	19	36	44
3200	13	23	29	15	27	33	17	31	38	19	35	43	20	37	45	21	39	48	22	41	50	23	43	52	25	47	57	25	47	57
3400	16	30	36	19	35	42	21	40	48	24	45	55	25	47	58	27	50	61	28	52	64	29	55	67	32	60	73	32	60	73
3600	20	37	46	24	44	53	27	50	61	30	56	69	32	59	72	34	62	76	35	65	80	37	69	84	40	75	91	40	75	91
3800	25	46	57	29	54	66	33	62	76	38	70	85	40	74	90	42	77	95	44	81	99	46	85	104	50	93	113	50	93	113
4000	31	57	70	36	67	81	41	76	93	46	86	105	49	90	110	51	95	116	54	100	122	56	105	128	61	114	139	61	114	139
4200	37	69	85	44	81	99	50	92	113	56	104	127	59	110	134	62	116	141	65	121	148	68	127	155	75	139	169	75	139	169

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