

Deflection Data



Twinwall Fixings (UK) Ltd.,
 201 Cavendish Place,
 Birchwood Park,
 Birchwood,
 Warrington. WA3 6WU
 Telephone: 01925 811311
 Facsimile: 01925 852955

Bar Type	306 / 286	Glazing Type	Polycarbonate
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Glazing Centres (mm) →		600						700						800					
Wind Load (kN) →		0.50	0.60	0.75	0.90	1.00	1.20	0.50	0.60	0.75	0.90	1.00	1.20	0.50	0.60	0.75	0.90	1.00	1.20
Deflection (mm) →																			
SPAN (mm)	L/75(mm)																		
600	8	1	1	1	1	1	1	1	1	1	1	1	2	1	1	1	1	2	2
800	11	2	2	3	3	4	5	2	3	3	4	4	5	2	3	4	4	5	6
1000	13	4	5	7	8	9	11	5	6	8	10	11	13	6	7	9	11	12	15
1200	16	9	11	14	17	19	23	11	13	16	20	22	27	12	15	19	23	25	
1400	19	17	21	26	32	35		20	24	30	37			23	28	35			
1600	21	29	35	45				34	41					39	47				
1800	24	46																	
2000	27																		
2200	29																		
2400	32																		
3000	40																		

Indicates allowable deflection in mm

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Glazing Centres (mm)		900						950						1000					
Wind Load (kN) →		0.50	0.60	0.8	0.90	1.00	1.20	0.50	0.60	0.8	0.90	1.00	1.20	0.50	0.60	0.8	0.90	1.00	1.20
Deflection (mm) →																			
SPAN (mm)	L/75(mm)																		
600	8	1	1	1	2	2	2	1	1	1	2	2	2	1	1	1	2	2	2
800	11	3	3	4	5	6	7	3	3	4	5	6	7	3	4	5	6	6	8
1000	13	7	8	10	12	14	17	7	9	11	13	15	18	7	9	11	14	15	18
1200	16	14	17	21	26			15	18	22	27			15	19	23			
1400	19	25	31					27	33					28	34				
1600	21																		
1800	24																		
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Glazing Centres (mm)		1050						1100						1200					
Wind Load (kN) →		0.50	0.60	0.8	0.90	1.00	1.20	0.50	0.60	0.8	0.90	1.00	1.20	0.50	0.60	0.8	0.90	1.00	1.20
Deflection (mm) →																			
SPAN (mm)	L/75(mm)																		
600	8	1	1	2	2	2	3	1	1	2	2	2	3	1	1	2	2	2	3
800	11	3	4	5	6	7	8	3	4	5	6	7	8	4	4	6	7	8	9
1000	13	8	9	12	14	16		8	10	12	15	17		9	11	14	16	18	
1200	16	16	19	25				17	20	26				18	22				
1400	19																		
1600	21																		
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Indicates allowable deflection in mm