

Deflection Data



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

Bar Type	226 / 227	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	1	1	1	1	1	1	2
800	11	2	2	2	3	3	4	2	2	3	4	4	5	2	3	3	4	4	5
1000	13	4	3	6	7	8	10	5	6	7	9	10	12	5	6	8	10	11	13
1200	16	8	10	13	15	17	21	10	12	15	18	20	24	11	13	17	20	23	
1400	19	15	18	23	28	31		18	22	27	33			20	25	31			
1500	20	20	24	31				24	29					27	33				
1600	21	26																	
1800	24																		
2000	27																		
2200	29																		
2400	32																		
3000	40																		

Indicates allowable deflections 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	1	2	2	1	1	1	2	2	2	1	1	1	2	2	2
800	11	2	3	4	5	5	6	3	3	4	5	5	6	3	3	4	5	6	7
1000	13	6	7	9	11	12	15	6	8	10	12	13	16	7	8	10	12	14	16
1200	16	12	15	19	23			13	16	20	24			14	17	21			
1400	19	23	28					24	29					25	31				
1500	20																		
1600	21																		
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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	1	2	2	2	1	1	1	2	2	2	1	1	2	2	2	3
800	11	3	3	4	5	6	7	3	4	5	6	6	7	3	4	5	6	7	8
1000	13	7	8	11	13	14	17	7	9	11	13	15		8	10	12	15	16	
1200	16	14	17	22				15	18	23				16	20				
1400	19																		
1500	20																		
1600	21																		
1800	24																		
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