



Technical Bulletin

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Load Deflection Properties of Super Spacer® Architectural

The following test results may be used to determine the percent deflection of Super Spacer when subjected to a load. The criteria used to determine the load deflection is as follows:

Length of specimen:	50.40 mm	1.984 inches	
Height of specimen:	13.08 mm	0.515 inches	
Width of specimen:	6.40 mm	0.252 inches	
% Deflection	Deflection (mm)	Deflection (inches)	Load (lbs)
1	0.1295	0.0051	0.0
2	0.2616	0.0103	2.7 (5.4 psi)*
3	0.3911	0.0154	4.5 (9.0 psi)*
4	0.5232	0.0206	6.3
5	0.6527	0.0257	8.2
6	0.7848	0.0309	9.0
7	0.9144	0.0360	11.2
8	1.0464	0.0412	12.3
9	1.1760	0.0463	15.0
10	1.3081	0.0515	13.5
11	1.4376	0.0566	14.7
12	1.5697	0.0618	16.2
13	1.6992	0.0669	17.7
14	1.8288	0.0720	19.2
15	1.9608	0.0772	20.7
16	2.0929	0.0824	22.2
17	2.2225	0.0875	23.7
18	2.3545	0.0927	24.1
19	2.4841	0.0978	26.7
20	2.6162	0.1030	28.2

*Load range for most commercial glazing systems is 5-10 psi.

Values have \pm 15% accuracy. All data based on testing done at Edgetech IG, Inc. Super Spacer® Architectural is now known as Super Spacer® Premium Plus.

This data is for information purposes only. Edgetech IG, Inc. is not a certified test lab.