

Design load data sheet

<u>Flat panels</u>		<u>Curved panels</u>				
Lock spec	Max free span	Lock spec	Free span 20 deg angle	Free span 25 deg angle	Free span 30 deg angle	Free span 35 deg angle
1	2.61M	1	6.05M	6.43M	6.72M	6.93M
2.1	3.18M	2.1	8.00M	8.50M	8.88M	9.16M
2.2	3.62M	2.2	9.49M	10.08M	10.53M	10.86M
2.5	4.38M	2.5	11.36M	12.07M	12.24M	12.00M
<p>As a general rule of thumb, normally quote the worst case scenario as there is usually insufficient information to determine the angle. Therefore, always quote the 20-degree column unless advised otherwise.</p>						
<p>All spans are based on a maximum loading criteria of 0.75Kn/sqm. If a higher loading factor is required eg: Switzerland (heavy snow loading), then we have figures that illustrate reduced max spans to accommodate. However, the table above is the factors that most of the construction industry works to.</p>						

LS1 = all polycarbonate locking bars in a 6 tube panel

LS2.1 = 1 aluminium locking bar in a 6 tube panel

LS2.2 = 2 aluminium locking bars in a 6 tube panel

LS2.5 = 5 aluminium locking bars in a 6 tube panel