

# 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
<b>1</b>	2.61M	<b>1</b>	6.05M	6.43M	6.72M	6.93M
<b>2.1</b>	3.18M	<b>2.1</b>	8.00M	8.50M	8.88M	9.16M
<b>2.2</b>	3.62M	<b>2.2</b>	9.49M	10.08M	10.53M	10.86M
<b>2.5</b>	4.38M	<b>2.5</b>	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