

VENTÜER TECHNICAL DATA SHEET



Deflections/Spans for VL-100S

Wind Zone	Self Weight	Low	Medium	High	Very High	Extra High
m/s	0.0 m/s	32m/s	37m/s	44m/s	50m/s	55m/s
kPa	0.0 Kpa	0.88 kPa	1.18 kPa	1.68 kPa	2.17 kPa	2.63 kPa
Service load kn/m	0.009	0.088	0.126	0.199	0.265	0.319
Span (m)	Numbers in cells are deflections in mm					
0.5	0.03	0.27	0.39	0.62	0.82	0.99
0.6	0.06	0.57	0.81	1.28	1.70	2.05
0.7	0.12	1.06	1.51	2.38	3.16	3.80
0.8	0.21	1.80	2.58	4.06	5.39	6.49
0.9	0.33	2.89	4.13	6.51	8.64	10.40
1.0	0.51	4.41	6.29	9.92	13.17	15.85
1.1	0.75	6.46	9.22	14.53	19.28	23.21
1.2	1.07	9.16	13.06	20.58	27.31	32.88
1.3	1.47	12.61	17.99	28.34	37.62	45.29
1.4	1.98	16.97	24.19	38.12	50.61	60.92
1.5	2.61	22.36	31.88	50.24	66.69	80.28
1.6	3.38	28.95	41.28	65.04	86.34	103.92
KEY:	Light Grey shading = Acceptable span		Dark Grey shading = Over recommended span		Black Shading = Unsafe	

*'Over Recommended Max Span' is the point at which Ventüer considers the deflection as 'unsightly'

*Deflection values assume simple support and do not take into account the integrity of any fixing.

*Deflection values assume a vertical louvre (not tilted).

VL-100S DEFLECTIONS & SPANS



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Scale:
Date:

NTS
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VL-100S_DDS

Ver.1