

## SLIDETEC SPAN CHART

Glass Span (visible sight line)						
	NZS3604 Wind Zone:	Low	Medium	High	Very High	Extra High
Glass Thickness						
10mm	Maximum Span	2285	2080	1855	1705	1600
12mm	Maximum Span	2760	2510	2235	2055	1930

\*Glass spans in this chart limited to installations associated with buildings up to importance level 2, under 10m high, and within a designated general wind-zone (not SED).

\*This span chart can only be used in conjunction with toughened safety glass supplied by Viridian Glass (NZ).

\*All glass panel related PS1 documents to be supplied by Viridian Glass (NZ).

\*This standard design PS1 covers glass selection to NZS4223.3 and NZS4223.4 only (frame design and support of the glass panels is excluded).

\*Max glass spans to the NZ standard are based on a maximum allowable deflection of span/60 in the given wind-zone.

\*The glass span tables do not take into account any deflection caused by bending of the SlideTec frames.

\*Glazing safeguarding a fall of 1m or more requires specific design.

\*Minimum panel width = 500mm. Maximum panel width = 2400mm.

The figures below give the maximum opening height per type of application. Refer to sheet 2 of this publication for further explanation / detail.

Standard Base/Track (includes guide/track of 160mm)						
	Wind Zone:	Low	Medium	High	Very High	Extra High
Glass Thickness						
10mm	Maximum Opening	2445	2240	2015	1865	1760
12mm	Maximum Opening	2920	2670	2395	2215	2090

Standard Base/Track & Extender (includes guide/track/extender of 260mm)						
	Wind Zone:	Low	Medium	High	Very High	Extra High
Glass Thickness						
10mm	Maximum Opening	2545	2340	2115	1965	1860
12mm	Maximum Opening	3020	2770	2495	2315	2190

Recessed Base/Track (includes guide/track of 130mm)						
	Wind Zone:	Low	Medium	High	Very High	Extra High
Glass Thickness						
10mm	Maximum Opening	2415	2210	1985	1835	1730
12mm	Maximum Opening	2890	2640	2365	2185	2060

Recessed Base/Track & Extender (includes guide/track/extender of 230mm)						
	Wind Zone:	Low	Medium	High	Very High	Extra High
Glass Thickness						
10mm	Maximum Opening	2515	2310	2085	1935	1830
12mm	Maximum Opening	2990	2740	2465	2285	2160

Flush Track (includes guide/track of 140mm)						
	Wind Zone:	Low	Medium	High	Very High	Extra High
Glass Thickness						
10mm	Maximum Opening	2425	2220	1995	1845	1740
12mm	Maximum Opening	2900	2650	2375	2195	2070

Flush Track & Extender (includes guide/track/extender of 240mm)						
	Wind Zone:	Low	Medium	High	Very High	Extra High
Glass Thickness						
10mm	Maximum Opening	2525	2320	2095	1945	1840
12mm	Maximum Opening	3000	2750	2475	2295	2170

Drawn By	Viridian-DY
Scale	NA @ A4
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LouvreTec<sup>®</sup> New Zealand Ltd  
All dimensions in mm unless stated otherwise