

This is a general guide and is not advice. Many factors unknown to us may affect the applicability of statements or comments herein to your particular circumstances. Consult your structural engineer and other relevant advisors for your specific installation.

PROJECT APPLICATION CHART & WIND RATINGS

- These structural calculations are strictly based on SLEEKFENCE systems, and Canadian requirements.
- PSF & Estimated Windload ratings are based on our max screw distances being adhered to when mounting panels to posts, and it assumes posts are securely mounted/set in ground.
- Ratings for in ground applications are assuming posts are set below the frost line, with concrete. Structural engineering is recommended on a per project basis, to determine the best footing design (width, depth, and cement type).
- Ratings for concrete mount posts are assuming posts are securely fastened – structural engineering is also recommended on a per project basis, to determine the best anchor size and type.
- Guard Rails, Balcony Railing, and Pool Fencing requirements may vary per application.

Fence Height & Panel Type ↓	Max Screw distance – ALL APPLICATIONS* When mounting panels to posts with SLEEKFENCE mounting channels, and SLEEKFENCE screws as specified in our installation guide.	Estimated Max Wind Speed (MPH/KMS) IN GROUND* When posts are set securely in the ground below frost line, in engineer approved concrete footings.	Estimated Max Wind Speed (MPH/KMH) CONCRETE MOUNT* When posts are mounted on cured, engineered concrete walls securely, utilizing factory baseplates and engineer approved anchors.	Guardrail/Balcony Railing Applications* When installed beside a drop off greater than 4', and/or decks or balconies up to a maximum of 4 stories high.	Pool Fencing Applications* 46" high fencing must be installed with a 2-3" gap under the fence in order to meet minimum height requirement of 48" for pool fencing.
46" High Privacy Fence	18" On Center	107mph/172kmh With Post Depth at 3'	48mph/78kmh	MEETS REQUIREMENTS (combination of 6psf windload and 1/2 guardload)	MEETS REQUIREMENTS (combination of 6.5psf windload and 1/2 guardload)
69" High Privacy Fence	18" On Center	99mph/159kmh With Post Depth at 3-4'	43.5mph/70kmh	MEETS REQUIREMENTS (combination of 5psf windload and 1/2 guardload)	MEETS REQUIREMENTS (combination of 5.5psf windload and 1/2 guardload)
93" High Privacy Fence	16" On Center	98mph/157kmh With Post Depth at 5'	<i>DOES NOT MEET REQUIREMENTS</i>	<i>DOES NOT MEET REQUIREMENTS</i>	<i>DOES NOT MEET REQUIREMENTS</i>
115" High Privacy Fence	16" On Center	55mph/88kmh With Post Depth at 5-6'	<i>DOES NOT MEET REQUIREMENTS</i>	<i>DOES NOT MEET REQUIREMENTS</i>	<i>DOES NOT MEET REQUIREMENTS</i>
46" High Screen Fence	18" On Center	123mph/197kmh With Post Depth at 3'	51mph/83kmh	MEETS REQUIREMENTS (combination of 6.9psf windload and 1/2 guardload)	MEETS REQUIREMENTS (combination of 7.4psf windload and 1/2 guardload)
69" High Screen Fence	18" On Center	113mph/181kmh With Post Depth at 3-4'	46.7mph/75kmh	MEETS REQUIREMENTS (combination of 5.7psf windload and 1/2 guardload)	MEETS REQUIREMENTS (combination of 6.35psf windload and 1/2 guardload)
93" High Screen Fence	16" On Center	112mph/180kmh With Post Depth at 5'	<i>DOES NOT MEET REQUIREMENTS</i>	<i>DOES NOT MEET REQUIREMENTS</i>	<i>DOES NOT MEET REQUIREMENTS</i>
115" High Screen Fence	16" On Center	63mph/101kmh With Post Depth at 5-6'	<i>DOES NOT MEET REQUIREMENTS</i>	<i>DOES NOT MEET REQUIREMENTS</i>	<i>DOES NOT MEET REQUIREMENTS</i>

Please don't hesitate to [Contact Us](#) if you have any questions about this report or your project application. Our product warranty is subject to the use of our products in their correct application, installation, and our [Terms and Conditions](#).

The terms of our warranty are set out in our [Limited Lifetime Aluminum Fence Warranty](#).