



PREVENTS VERTICAL UPLIFT

Horizontal Load Displacement Caused by High Velocity Winds

WIND BASICS:

Winds are a common source of damage to residential construction. The force that wind places on buildings varies based on the type of building structure, its height and shape, size, openings, topographic and geographic locations.

The behaviour of wind near the earth is unpredictable, and can produce a condition called "GUSTING". GUSTING is a sharp and sudden change in wind velocity or direction which can totally reverse or change the stress on your building and its connections (TIE DOWNS).

The basic wind load requirements for strength and stability found in all building codes include resistance to:

- 1 - OVERTURNING
- 2 - SLIDING
- 3- UPLIFT

Pressures on a Sonotube® concrete form and Square Foot® footing form is distributed in many directions. One of those directions is VERTICAL UPLIFT. By installing a footing you increase the resistance to overturning, sliding and uplift caused by high velocity winds.

For more information
www.sqfoot.com

