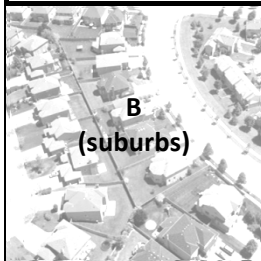




NEX®2 12ga (Steel) Maximum Spans (feet-inches)



Exposure	Basic Wind Speed	0 psf Snow*		20 psf Snow*		40 psf Snow*		60 psf Snow*		100 psf Snow*	
		Interior	Edge	Interior	Edge	Interior	Edge	Interior	Edge	Interior	Edge
 B (suburbs)	90 mph	13'-3"	13'-3"	10'-0"	10'-0"	8'-4"	8'-4"	6'-3"	6'-3"	4'-8"	4'-8"
	100 mph	13'-3"	13'-3"	10'-0"	10'-0"	8'-4"	8'-4"	6'-3"	6'-3"	4'-8"	4'-8"
	110 mph	13'-3"	12'-5"	10'-0"	10'-0"	8'-4"	8'-4"	6'-3"	6'-3"	4'-8"	4'-8"
	120 mph	13'-3"	11'-5"	10'-0"	9'-10"	8'-4"	8'-4"	6'-3"	6'-3"	4'-8"	4'-8"
	130 mph	12'-5"	10'-6"	10'-0"	9'-3"	8'-4"	8'-4"	6'-3"	6'-3"	4'-8"	4'-8"
	140 mph	11'-6"	9'-3"	9'-10"	8'-10"	8'-4"	8'-1"	6'-3"	6'-3"	4'-8"	4'-8"
	150 mph	10'-9"	6'-5"	9'-4"	6'-5"	8'-4"	6'-5"	6'-3"	6'-3"	4'-8"	4'-8"
 C (rural)	90 mph	13'-3"	12'-10"	10'-0"	10'-0"	8'-4"	8'-4"	6'-3"	6'-3"	4'-8"	4'-8"
	100 mph	13'-3"	11'-7"	10'-0"	9'-11"	8'-4"	8'-4"	6'-3"	6'-3"	4'-8"	4'-8"
	110 mph	12'-4"	10'-6"	10'-0"	9'-3"	8'-4"	8'-4"	6'-3"	6'-3"	4'-8"	4'-8"
	120 mph	11'-4"	8'-11"	9'-9"	8'-9"	8'-4"	8'-0"	6'-3"	6'-3"	4'-8"	4'-8"
	130 mph	10'-6"	6'-1"	9'-3"	6'-1"	8'-4"	6'-1"	6'-3"	6'-1"	4'-8"	4'-8"
	140 mph	9'-1"	5'-2"	8'-10"	5'-2"	8'-0"	5'-2"	6'-3"	5'-2"	4'-8"	4'-8"
	150 mph	6'-4"	4'-6"	6'-4"	4'-6"	6'-4"	4'-6"	6'-3"	4'-6"	4'-8"	4'-6"
 D (shoreline)	90 mph	13'-3"	11'-10"	10'-0"	10'-0"	8'-4"	8'-4"	6'-3"	6'-3"	4'-8"	4'-8"
	100 mph	12'-6"	10'-8"	10'-0"	9'-3"	8'-4"	8'-4"	6'-3"	6'-3"	4'-8"	4'-8"
	110 mph	11'-4"	9'-0"	9'-9"	8'-9"	8'-4"	8'-0"	6'-3"	6'-3"	4'-8"	4'-8"
	120 mph	10'-5"	6'-0"	9'-3"	6'-0"	8'-4"	6'-0"	6'-3"	6'-0"	4'-8"	4'-8"
	130 mph	8'-11"	5'-1"	8'-9"	5'-1"	8'-0"	5'-1"	6'-3"	5'-1"	4'-8"	4'-8"
	140 mph	6'-1"	4'-4"	6'-1"	4'-4"	6'-1"	4'-4"	6'-1"	4'-4"	4'-8"	4'-4"
	150 mph	5'-4"	3'-9"	5'-4"	3'-9"	5'-4"	3'-9"	5'-4"	3'-9"	4'-8"	3'-9"

Assumptions:

*Roof Snow Load listed, linear interpolation is permitted

**In most cases, edge zone is approximately 3 feet from ridge line and eaves

-PhotoVoltaic Module length is 72" or less

-Building height must be less than or equal to 30 feet

-Maximum cantilever is 3'-3"/1'-8"/1'-6", respectively

-Rail splices not permitted immediately over supports or within middle 1/3 of span

-For installations that do not conform to the assumptions listed above contact Zilla for a more complete engineering analysis.

Light Detailing = Low Basic Wind Speeds & Minimal Snow Loads

Medium Detailing = Moderate Basic Wind Speeds & Snow Loads

Heavy Detailing = Increased Basic Wind Speeds & High Snow Loads

