

AEGIS II®

WIND LOADING

Height (FT)	Rail Length	Post Size	Aegis II™ Wind Load Capacity Factor (PSF)	Typical Wind Load Capacity (mph)
4	6	2-1/2" x 12 GA.	102.3	236
		3" x 12 GA.	122.8	259
	8	2-1/2" x 12 GA.	77.0	205
		3" x 12 GA.	92.2	224
5	6	2-1/2" x 12 GA.	65.5	189
		3" x 12 GA.	78.6	203
	8	2-1/2" x 12 GA.	49.3	164
		3" x 12 GA.	59.0	179
6	6	2-1/2" x 12 GA.	45.5	157
		3" x 12 GA.	54.6	172
	8	2-1/2" x 12 GA.	34.2	136
		3" x 12 GA.	41.0	149
7	6	2-1/2" x 12 GA.	33.4	135
		3" x 12 GA.	40.0	147
	8	2-1/2" x 12 GA.	25.0	116
		3" x 12 GA.	30.0	128
8	6	2-1/2" x 12 GA.	25.6	118
		3" x 12 GA.	30.7	129
	8	2-1/2" x 12 GA.	19.2	102
		3" x 12 GA.	23.0	112
		4" x 10 GA.	30.6	129
9	6	4" x 10 GA.	32.0	132
10	6	4" x 10 GA.	28.7	125

Note: Mph calculated using ANSI/ASCE 7-98, "American Society of Civil Engineers Minimum Design Loads for Buildings and Other Structures" Exposure Category C (open terrain with scattered obstructions having lengths generally less than 30 feet). For wind loading applicable to a particular specification, consult the appropriate Building Code.