



P.O. Box 1290, #2 Industrial Drive
 Salem Illinois 62881
 www.americana.com
 1-800-851-0865 fax: 1-618-548-2890
 email: sales@americana.com

Sierra Model Cover

ULTIMATE LOAD TABLE - 10" V ROOF PANEL

We can engineer what you need. Call us with your code requirements
 Loads can be increased, by moving beam placement or extra beam.

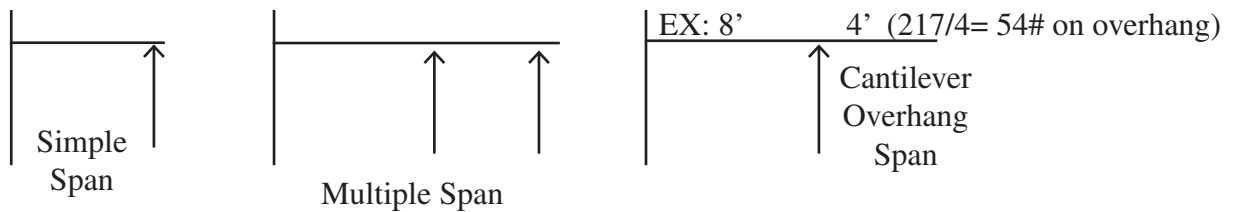
Simple Span

Attached - Distance from Wall to Post/Beam

Freestand - Distance between beams

Roof Panel Thickness	4'	6'	8'	10'	12'	14'
Sierra Model - Light Load/Light Wind - PSF						
0.019	217	96	54	34	24	
0.024						22
Sierra Model - Moderate Load/Moderate Wind - PSF						
0.019	217	96	54			
0.024				43	30	
0.320						29
Sierra Model - Heavy Load/High Wind - PSF						
0.024	270	120	67			
0.032				57	39	
0.040						36

- 1) Load table as per data on typical yield of 29,000 psi
- 2) Loads shown are for simple span, uniformly loaded
- 3) For multiple spans, loads may be increased by 25%
- 4) For cantilever(overhang) spans, loads should be divided by 4



WIND LOAD TABLE - 10" V ROOF PANEL							
10" V Roof Panel Allowable Wind Load (mph)							
Thickness	Span (ft)						
	4'	5'	8'	10'	12'	14'	16'
.019"	150	140	110	90	--	--	--
.024"	150	150	120	110	85	--	--
.032"	150	150	140	120	100	85	--
.040"	150	150	140	130	110	90	85

Based on FL BC /2003 IBC
 Loads are for simple span condition.

We can engineer for any weather condition.

Send us your code requirements before ordering. We will get you a quote.