

Span Table For Titan Timber Columns Manufactured By Timber Technologies

Table Information Provided By: Halverson Engineering, Black River Falls, WI : PH:(715) 284-8906

Roof Snow Load		35 PSF				25 PSF			
Inside Clear Height		12 ft.	14 ft.	16 ft.	18 ft.	12 ft.	14 ft.	16 ft.	18 ft.
Building Width	Post Spacing								
24 ft.	4	A	A	A	A	A	A	A	A
	6	A	A	A	A	A	A	A	A
	8	A	A	A	B	A	A	A	A
30 ft.	4	A	A	A	A	A	A	A	A
	6	A	A	A	A	A	A	A	A
	8	A	A	A	B	A	A	A	B
32 ft.	4	A	A	A	A	A	A	A	A
	6	A	A	A	A	A	A	A	A
	8	A	A	B	B	A	A	A	B
36 ft.	4	A	A	A	A	A	A	A	A
	6	A	A	A	B	A	A	A	A
	8	A	A	B	C	A	A	A	B
40 ft.	4	A	A	A	A	A	A	A	A
	6	A	A	A	B	A	A	A	A
	8	A	A	B	C	A	A	A	B
45 ft.	4	A	A	A	A	A	A	A	A
	6	A	A	A	B	A	A	A	B
	8	A	A	B	C	A	A	B	C
50 ft.	4	A	A	A	A	A	A	A	A
	6	A	A	B	B	A	A	A	B
	8	A	B	C	C	A	A	B	C
60 ft.	4	A	A	A	B	A	A	A	A
	6	A	A	B	C	A	A	A	B
	8	A	B	C	C	A	B	B	C
70 ft.	4	A	A	A	B	A	A	A	A
	6	A	B	C	C	A	A	B	C
	8	B	C	C	D	A	B	C	C

List of assumptions and limitations of this table

- 1) Maximum wind speed = 85 mph, exposure B, IBC 2000
- 2) Maximum wall girt spacing = 36"
- 3) This table assumes that diaphragm-action is used to transfer the wind forces.
- 4) Assumes unheated building, importance factor = 0.8
- 5) Column properties used are that of Titan Timber's standard columns.
- 6) This table is for preliminary information only - not intended for construction use
- 7) Assumes a 9 psf roof dead load.

35 PSF
25 PSF

LEGEND:	
A	3-Ply 2x6
B	4-Ply 2x6
C	3-Ply 2x8
D	4-Ply 2x8



***For design values of Titan Timbers please call Timber Technologies for more information: (866) 727-5625 or Fax at (715) 962-4193



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For Wisconsin Only