

TABLES FOR COMBINED TRANSVERSE AND AXIAL LOADS^{1,2,3,4}

ALLOWABLE UNIFORM AXIAL LOADS (PLF)

4-3/8" thick wall panels

8' PANEL HEIGHT

PROFILE BOARD SPACING ⁵	TRANSVERSE WIND LOAD									
	5 psf	10 psf	15 psf	20 psf	25 psf	30 psf	35 psf	40 psf	45 psf	50 psf
4'-1 3/4"	1,712	1,565	1,418	1,272	1,125	978	831	684	537	391
8'-1 3/4"	1,514	1,314	1,113	913	713	513	312	112		
EXCEEDS 8'-1 3/4"	1,287	1,009	732	455	177					
	H/600	H/360	H/240	H/120						

¹ Axial load may be applied by roof or floor joists spaced at 2'-0" on center maximum. Bearing area of framing members must be equal to or greater than 6.5 in.²

² All heights shown are simple span.

³ No increase is permitted to the tabulated values for wind or seismic loading conditions.

⁴ Loading shown is for panels with no openings. Openings in panels must be engineered.

⁵ Profile boards are 1-3/4 wide x 3-1/2" deep Timberstrand PSL oriented vertically.