

TRANSVERSE LOAD TABLE FOR WALL PANELS^{4,5}

7-7/8" thick panel

8' PANEL HEIGHT

MID-HEIGHT DEFLECTION	PROFILE BOARD SPACING ¹		
	4'-3 ¹ / ₂ "	8'-3 ¹ / ₂ "	Exceeds 8'-3 ¹ / ₂ " ²
H/120	165 psf	115 psf	60 psf
H/240	152 psf	96 psf	35 psf
H/360	98 psf	62 psf	24 psf
H/600	53 psf	35 psf	16 psf
H/720	42 psf	29 psf	14 psf

PANEL HEIGHTS EXCEEDING 8' (PANEL WIDTH = 8'-0")³

PANEL HEIGHT	MID-HEIGHT DEFLECTION	1 Intermediate Profile Board per Panel	No Intermediate Profile Boards
10'	H/120	150 psf	105 psf
	H/240	136 psf	87 psf
	H/360	88 psf	57 psf
	H/600	48 psf	32 psf
	H/720	38 psf	26 psf
12'	H/120	134 psf	96 psf
	H/240	120 psf	78 psf
	H/360	78 psf	51 psf
	H/600	42 psf	29 psf
	H/720	34 psf	24 psf
14'	H/120	119 psf	87 psf
	H/240	104 psf	69 psf
	H/360	67 psf	45 psf
	H/600	37 psf	26 psf
	H/720	30 psf	21 psf
16'	H/120	104 psf	78 psf
	H/240	88 psf	60 psf
	H/360	57 psf	39 psf
	H/600	32 psf	23 psf
	H/720	25 psf	18 psf
18'	H/120	88 psf	69 psf
	H/240	73 psf	51 psf
	H/360	47 psf	33 psf
	H/600	26 psf	19 psf
	H/720	21 psf	16 psf
20'	H/120	73 psf	60 psf
	H/240	57 psf	43 psf
	H/360	37 psf	28 psf
	H/600	21 psf	16 psf
	H/720	17 psf	13 psf
22'	H/120	57 psf	51 psf
	H/240	41 psf	34 psf
	H/360	26 psf	22 psf
	H/600	15 psf	13 psf
	H/720	12 psf	11 psf
24'	H/120	42 psf	42 psf
	H/240	25 psf	25 psf
	H/360	16 psf	16 psf
	H/600	10 psf	10 psf
	H/720	8 psf	8 psf

¹ The Agriboard core is fabricated in sections that are 4'-0" wide. For 8' high panels, the core is oriented with the 4'-0" dimension horizontal. The intermediate profile boards are 3-1/2" wide x 7" deep. This results in intermediate profile board spacings of 4'-3¹/₂" and 8'-3¹/₂" for 8' high panels. Refer to footnote 3 for panel heights exceeding 8'.

² Pertains to panels longer than the noted dimension, constructed without intermediate profile boards.

³ For panels exceeding 8' in height, the standard panel width is 8'-0". The Agriboard core is oriented with the 4'-0" dimension vertical.

⁴ All heights shown are simple span conditions.

⁵ No increase is permitted to the tabulated values for wind or seismic loading conditions.