Joist Size	MiTek Stock No.	Ref. No.	Steel Gauge	Dimensions (in)				Fastener Schedule[5]					DF/SP Allowable Loads (Lbs.)				S-P-F Allowable Loads (Lbs.)			
								Header					Download 2-Ply 2x Wall Top Plate[1]			Uplift	Download 2-Ply 2x Wall Top Plate[1]			Uplift
				W1	W2[3]	H	L[4]	Top Qty	Face Qty	Stud Qty	Joist Qty	Type	100%	115%	125%	160%[2]	100%	115%	125%	160%[2]
3-1/2 x 11-7/8	FWHBP35118					11-7/8														
3-1/2 x 14	FWHBP3514					13-15/16														
3-1/2 x 16	FWHBP3516					15-15/16														
3-1/2 x 18	FWHBP3518	--	12	3-9/16	Specify	17-15/16	7-1/8	6	4	16	18	10d	7055	7355	7550	3045	5335	5600	5765	2410
3-1/2 x 20	FWHBP3520					19-15/16														
3-1/2 x 22	FWHBP3522					21-15/16														
3-1/2 x 24	FWHBP3524					23-15/16														
5-1/4 x 11-7/8	FWHBP52118					11-7/8														
5-1/4 x 14	FWHBP5214					13-15/16														
5-1/4 x 16	FWHBP5216					15-15/16														
5-1/4 x 18	FWHBP5218	--	12	5-3/8	Specify	17-15/16	7-15/16	6	4	16	18	10d	8005	8005	8005	3045	6330	6330	6330	2410
5-1/4 x 20	FWHBP5220					19-15/16														
5-1/4 x 22	FWHBP5222					21-15/16														
5-1/4 x 24	FWHBP5224					23-15/16														
7 x 11-7/8	FWHBP71118					11-7/8														
7 x 14	FWHBP7114					13-15/16														
7 x 16	FWHBP7116					15-15/16														
7 x 18	FWHBP7118	--	12	7-1/8	Specify	17-15/16	9-11/16	6	4	16	18	10d	5660	5660	5660	3045	4470	4470	4470	2405
7 x 20	FWHBP7120					19-15/16														
7 x 22	FWHBP7122					21-15/16														
7 x 24	FWHBP7124					23-15/16														

1) Download allowable load is for a 2-Ply Top Plate with stud pack (or post) below without wall and floor sheathing attached.
2) Uplift loads have been increased 60% for wind or seismic loads. No further increase shall be permitted.
3) "Specify" denotes required stud pack/post width must be specified when ordering. Minimum 3" for a 2-ply 2x stud pack.
4) Length "L" applies where "W2" equals 3-1/8" for 2-ply stud pack. Larger "W2" widths will result in a larger length "L".
5) **NAILS:** 10d nails are 0.148" dia. x 3" long.