

Joist Size	MiTek Stock No.	Ref. No.	Steel Gauge	Dimensions (in)				Fastener Schedule <sup>2</sup>				DF/SP Allowable Loads (Lbs.)				SPF Allowable Loads (Lbs.)				
				W	H	D	A	Min/Max	Header		Joist		Floor	Roof		Uplift <sup>1</sup>	Floor	Roof		Uplift <sup>1</sup>
									Qty	Type	Qty	Type		115%	125%			100%	115%	
													100%			115%	125%			160%
<b>GLULAM SIZES</b>																				
3-1/8 x 10-1/2 - 19-1/2	HD32105	HU3.25/10.5	14	3-1/4	9-15/16	2-1/2	1-1/8	Min	16	16d	6	10d	2465	2780	2980	1170	2165	2445	2620	945
								Max	22		10		3390	3820	4100	1950	2980	3360	3605	1715
3-1/8 x 12 - 21	HD3212	HU3.25/12	14	3-1/4	11-7/8	2-1/2	1-1/8	Min	18	16d	8	10d	2770	3125	3355	1510	2440	2750	2950	1205
								Max	26		12		4005	4515	4845	2340	3520	3970	4045	2060
5-1/8 x 10-1/2 - 19-1/2	HD5112	HU5.125/12	14	5-1/4	9-15/16	2-1/2	1-1/8	Min	16	16d	8	16d	2465	2780	2980	1305	2165	2445	2620	1040
								Max	24		12		3695	4170	4470	2765	3250	3625	3625	2430
5-1/8 x 14-1/2 - 21	HD51135	HU5.125/13.5	14	5-1/4	12-15/16	2-1/2	1-1/8	Min	20	16d	10	16d	3080	3475	3725	2305	2710	3055	3175	2025
								Max	28		14		4310	4860	5035	3225	3795	4030	4030	2835

1) Uplift loads have been increased 60% for wind or seismic loads; no further increase shall be permitted.

2) **NAILS:** 10d nails are 0.148" dia. x 3" long, 16d nails are 0.162" dia. x 3-1/2" long.