

Beam/Joist Size	MiTek Stock No.	Ref. No.	Ga.	Dimensions (in)			Fastener Schedule <sup>2</sup>				DF/SP Allowable Loads (Lbs.)				S-P-F Allowable Loads (Lbs.)			
				W	H	D	Header		Joist		Allowable Loads (Lbs.)				Allowable Loads (Lbs.)			
							Qty	Type	Qty	Type	Floor	Roof	Uplift <sup>1</sup>	Floor	Roof	Uplift <sup>1</sup>		
100%	115%	125%	160%	100%	115%	125%	160%											
2 x 4	SKH24L/R	SUR/L24	16	1-9/16	3-1/4	1-7/8	4	16d	4	10d x 1-1/2	510	510	510	545	395	395	395	425
2 x 6-8	SKH26L/R	SUR/L26	16	1-9/16	5-1/4	1-7/8	6	16d	6	10d x 1-1/2	840	890	890	1135	700	700	700	980
	SKHH26L/R	--	16	1-5/8	5-1/8	3-1/4	18	16d	12	10d x 1-1/2	1765	1795	1795	795	1450	1450	1450	645
2 x 8-12	SKH28L/R	--	16	1-9/16	7-1/4	1-7/8	10	16d	8	10d x 1-1/2	1400	1465	1465	1350	1160	1160	1160	1070
	SKHH28L/R	--	16	1-5/8	7	3-1/4	26	16d	16	10d x 1-1/2	2350	2525	2525	1155	2055	2055	2055	940
2 x 10-14	SKH210L/R	SUR/L210, SUR/L214	16	1-9/16	9-1/4	1-7/8	14	16d	10	10d x 1-1/2	1790	1790	1790	1530	1425	1425	1425	1220
	SKHH210L/R	--	16	1-5/8	9	4-1/4	34	16d	20	10d x 1-1/2	2625	2625	2625	1420	2150	2150	2150	1160
1-3/4 x 9-1/4 - 14	SKH1720L/R	SUR/L1.81/9	16	1-13/16	9-1/8	1-7/8	14	10d	10	10d x 1-1/2	1650	1760	1760	1530	1400	1400	1400	1220
1-3/4 x 11-1/4 - 18	SKH1724L/R	SUR/L1.81/11, SUR/L1.81/14	16	1-13/16	11-1/8	1-7/8	16	10d	10	10d x 1-1/2	1890	2170	2360	1530	1635	1880	2035	1220
2 - 2-1/8 x 9-1/4 - 14	SKH2020L/R	SUR/L2.06/9, SUR/L2.1/9	16	2-1/8	9	1-7/8	14	10d	10	10d x 1-1/2	1650	1760	1760	1530	1390	1390	1390	1210
2 - 2-1/8 x 11-1/4 - 18	SKH2024L/R	SUR/L2.06/11, SUR/L2.1/11	16	2-1/8	11	1-7/8	16	10d	10	10d x 1-1/2	1890	2170	2360	1530	1635	1880	2020	1210
2-1/4 - 2-5/16 x 9-1/4 - 14	SKH2320L/R	SUR/L2.37/9	16	2-3/8	8-7/8	1-7/8	14	10d	10	10d x 1-1/2	1650	1760	1760	1530	1390	1390	1390	1210
2-1/4 - 2-5/16 x 11-1/4 - 18	SKH2324L/R	SUR/L2.37/11, SUR/L2.37/14	16	2-3/8	10-7/8	1-7/8	16	10d	10	10d x 1-1/2	1890	2170	2360	1530	1635	1880	2020	1210
3 x 6-8	SKH36L/R	--	16	2-9/16	4-3/4	1-3/8	6	16d	6	10d x 1-1/2	840	965	1050	1135	725	830	830	980
3 x 8-12	SKH38L/R	--	16	2-9/16	6-3/4	1-3/8	10	16d	8	10d x 1-1/2	1400	1550	1550	1510	1210	1230	1230	1215
3 x 10-14	SKH310L/R	--	16	2-9/16	8-3/4	1-3/8	14	16d	10	10d x 1-1/2	2060	2365	2465	1530	1780	2045	2090	1220
3 x 12 - 14 - 16	SKH312L/R	--	16	2-9/16	10-3/4	1-3/8	16	16d	10	10d x 1-1/2	2350	2705	2750	1530	2035	2190	2190	1220
2-1/2 x 9-1/4 - 14	SKH2520L/R	SUR/L2.56/9	16	2-9/16	8-5/8	1-7/8	14	10d	10	10d x 1-1/2	1650	1760	1760	1530	1380	1380	1380	1205
2-1/2 x 11-1/4 - 16	SKH2524L/R	SUR/L2.56/11, SUR/L2.56/14	16	2-9/16	10-3/4	1-7/8	16	10d	10	10d x 1-1/2	1890	2170	2360	1530	1635	1880	2010	1205
2-5/8 x 9-1/4 - 14	SKH2620L/R	--	16	2-11/16	8-11/16	1-7/8	14	10d	10	10d x 1-1/2	1650	1760	1760	1530	1380	1380	1380	1205
2-5/8 x 11-1/4 - 16	SKH2624L/R	--	16	2-11/16	10-11/16	1-7/8	16	10d	10	10d x 1-1/2	1890	2170	2360	1530	1635	1880	2010	1205
(2) 2 x 6-8	SKH26L/R-2 *	SUR/L26-2	16	3-1/16	4-1/2	1-3/8	6	16d	6	10d	840	965	1050	1135	725	835	865	980
	SKHH26L/R-2	HSUR/L26-2	14	3-1/16	5-1/4	2	12	16d	4	16d x 2-1/2	1850	1905	1905	795	1525	1525	1525	635
	SKHH26L/R-2IF	HSUR/LC26-2	14	3-1/16	5-1/4	2	12	16d	4	16d x 2-1/2	1850	1905	1905	795	1525	1525	1525	635
(2) 2 x 8-12	SKH28L/R-2 *	--	16	3-1/16	6-1/2	1-3/8	10	16d	8	10d	1400	1610	1750	1350	1210	1395	1515	1060
(2) 2 x 10-14	SKH210L/R-2 *	SUR/L210-2	16	3-1/16	8-1/2	1-3/8	14	16d	10	10d	1960	2255	2450	1530	1695	1950	2120	1210
	SKHH210L/R-2	HSUR/L210-2, HSUR/L214-2	14	3-1/16	8-1/2	2	20	16d	6	16d x 2-1/2	3080	3330	3330	2115	2685	2685	2685	1710
	SKHH210L/R-2IF	HSUR/LC210-2	14	3-1/16	8-1/2	2	20	16d	6	16d x 2-1/2	3080	3330	3330	2115	2685	2685	2685	1710
(2) 2 x 12-16	SKH212L/R-2 *	SUR/L214-2	16	3-1/16	10-1/2	1-3/8	16	16d	10	10d	2240	2575	2800	1530	1940	2230	2405	1210
3-1/2 x 8-14	SKH410L/R *	SUR/L410	14	3-9/16	8-1/2	2-1/2	16	16d	10	16d	2305	2650	2865	1530	1995	2225	2225	1190
3-1/2 x 12-18	SKH414L/R *	SUR/L414	14	3-9/16	12-1/2	2-1/2	22	16d	10	16d	3170	3645	3960	1530	2740	3150	3425	1190
4 x 6-8	SKH46L/R *	SUR/L46	14	3-9/16	4-3/4	2-1/2	10	16d	6	16d	1440	1590	1590	1350	1225	1225	1225	1040
	SKHH46L/R	HSUR/L46	14	3-9/16	5-1/4	2-1/2	12	16d	6	16d	1850	1905	1905	795	1520	1520	1520	635
	SKHH46L/RIF	HSUR/LC46	14	3-9/16	5-1/4	2-1/2	12	16d	6	16d	1850	1905	1905	795	1520	1520	1520	635
4 x 10-14	SKH410L/R *	SUR/L410	14	3-9/16	8-1/2	2-1/2	16	16d	10	16d	2305	2650	2865	1530	1995	2225	2225	1190
	SKHH410L/R	HSUR/L410	14	3-9/16	8-1/2	2-1/2	20	16d	10	16d	3080	3330	3330	2115	2680	2680	2680	1705
	SKHH410L/RIF	HSUR/LC410	14	3-9/16	8-1/2	2-1/2	20	16d	10	16d	3080	3330	3330	2115	2680	2680	2680	1705
4 x 14-18	SKH414L/R *	SUR/L414	14	3-9/16	12-1/2	2-1/2	24	16d	10	16d	3170	3645	3960	1530	2740	3150	3425	1190
	SKHH414L/R	HSUR/L414	14	3-9/16	12-1/2	2-1/2	26	16d	10	16d	4005	4115	4115	2115	3310	3310	3310	1705
	SKHH414L/RIF	HSUR/LC414	14	3-9/16	12-1/2	2-1/2	26	16d	10	16d	4005	4115	4115	2115	3310	3310	3310	1705
(2) 2 - 2-1/8 x 9-1/4 - 14	SKH2020L/R-2 *	HSUR/L4.12/9, HSUR/L4.28/9	14	4-3/16	9-1/4	3-1/2	14	10d	10	10d	1710	1965	2135	1645	1480	1700	1850	1265
(2) 2 - 2-1/8 x 11-1/4 - 18	SKH2024L/R-2 *	HSUR/L4.12/11, HSUR/L4.12/14, HSUR/L4.12/16, HSUR/L4.28/11	14	4-3/16	11-1/4	3-1/2	16	10d	10	10d	1950	2245	2440	1680	1690	1945	2110	1295
(2) 2-5/16 x 9-1/4 - 14	SKH2320L/R-2 *	HSUR/L4.75/9	14	4-7/8	9-1/4	3-1/2	14	10d	10	10d	1710	1965	2135	1645	1480	1700	1850	1265
(2) 2-5/16 x 11-1/4 - 18	SKH2324L/R-2 *	HSUR/L4.75/11, HSUR/L4.75/14, HSUR/L4.75/16	14	4-7/8	11-1/4	3-1/2	16	10d	10	10d	1950	2245	2440	1680	1690	1945	2110	1295
(2) 2-1/2 x 9-1/4 - 14	SKH2520L/R-2 *	HSUR/L5.12/9	14	5-1/8	9-1/4	3-1/2	14	10d	10	10d	1710	1965	2135	1645	1480	1700	1850	1265
(2) 2-1/2 x 11-1/4 - 16	SKH2524L/R-2 *	HSUR/L5.12/11, HSUR/L5.12/14, HSUR/L5.12/16	14	5-1/8	11-1/4	3-1/2	16	10d	10	10d	1950	2245	2440	1680	1690	1945	2110	1295

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

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

\*Miter cut required on the end of supported joist.