

Installation:

- Use all specified fasteners. See Product Notes, page 18.
- MP Framing Angles are fabricated at 100° and may be field adjusted by hand from 45° to 180° (flat). Bend angle only once.

MiTek Stock No.	Ref. No.	Steel Gauge	Dimensions (in)			Fastener Schedule ^{3,4}				Direction of Load	DF/SP Allowable Loads (Lbs.) ^{1,2}				S-P-F Allowable Loads (Lbs.) ^{1,2}				Corrosion Finish	Code Ref.
			W1	W2	L	Header		Joist			100%	115%	125%	160%	100%	115%	125%	160%		
						Qty	Type	Qty	Type											
A3	A23, GA1, GA2, L30	18	1-7/16	1-7/16	2-3/4	4	10d x 1-1/2	4	10d x 1-1/2	F1	480	545	590	740	410	470	510	520	Green	
										F2	480	545	590	605	410	470	485	505		
										F3	375	375	375	375	145	165	180	230		
MP3	LS30	18	2-1/4	2-1/4	3-3/8	3	10d	3	10d	F1	360	410	445	455	310	350	380	380	Green	
MP5	LS50	18	2-1/4	2-1/4	4-5/8	4	10d	4	10d	F1	480	545	590	740	410	470	505	640	Blue	
MP7	LS70	18	2-1/4	2-1/4	5-7/8	5	10d	5	10d	F1	600	685	740	930	515	585	630	800	Blue	
MP9	LS90	18	2-1/4	2-1/4	6-7/8	6	10d	6	10d	F1	720	820	885	1115	620	705	760	960	Blue	
AC5	L50	16	1-5/16	2-3/8	4-7/8	3	10d	3	10d	F1	375	420	455	565	330	370	400	500	Green	
										F2	375	420	455	565	330	370	400	475		
										F3	155	180	195	250	105	120	135	170		
						3	16d	3	16d	F1	440	500	540	670	385	440	475	590		
										F2	440	500	540	595	385	440	475	475		
										F3	175	205	220	280	120	140	150	190		
AC7	L70	16	1-5/16	2-3/8	6-15/16	4	10d	4	10d	F1	500	560	605	755	440	495	530	665	Yellow	
										F2	500	560	605	755	440	495	530	665		
										F3	210	240	260	335	140	165	175	225		
						4	16d	4	16d	F1	590	665	720	895	515	585	630	785		
										F2	590	665	720	895	515	585	630	735		
										F3	235	270	295	375	160	185	200	255		
AC9	L90	16	1-5/16	2-3/8	8-7/8	5	10d	5	10d	F1	625	700	755	945	550	615	665	830	Green	IBC, FL, LA
										F2	625	700	755	900	550	615	665	715		
										F3	260	300	325	415	175	205	220	285		
						5	16d	5	16d	F1	735	835	900	1120	645	730	790	985		
										F2	735	835	900	900	645	720	720	720		
										F3	295	340	370	470	200	230	250	320		
JA1	A21	16	1-1/2	1-1/2	1-1/4	2	10d x 1-1/2	2	10d x 1-1/2	F1	220	220	220	220	195	195	195	195	Green	
										F2	--	--	--	300	--	--	--	235		
										F3	--	--	--	150	--	--	--	100		
JA3	--	14	2-1/2	2-1/2	3	4	16d	4	10d x 1-1/2	F1	495	495	495	495	445	445	445	445	Green	
										F2	--	--	--	465	--	--	--	365		
										F3	--	--	--	330	--	--	--	225		
JA5	--	14	2-1/2	2-1/2	5	6	16d	6	10d x 1-1/2	F1	790	825	825	825	715	740	740	740	Green	
										F2	--	--	--	890	--	--	--	695		
										F3	--	--	--	495	--	--	--	335		
JA7	--	14	2-1/2	2-1/2	7	8	16d	8	10d x 1-1/2	F1	1055	1185	1270	1560	955	1070	1145	1410	Green	
										F2	--	--	--	1450	--	--	--	1135		
										F3	--	--	--	490	--	--	--	335		
JA9	--	14	2-1/2	2-1/2	9	10	16d	10	10d x 1-1/2	F1	1320	1485	1590	1950	1190	1340	1430	1760	Green	
										F2	--	--	--	1465	--	--	--	1150		
										F3	--	--	--	775	--	--	--	530		

1) Allowable loads have been increased 60% for wind and seismic loads; no further increase shall be permitted.
 2) Loads are shown per angle, and may be doubled if installed in pairs. When using a single angle, joist must be constrained from rotation.
 3) Stainless steel ring shank nails must be used with stainless steel connectors to achieve tabulated allowable loads.
 4) **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.
 New products or updated product information are designated in **blue font**.

Corrosion Finish Key
■ Stainless Steel ■ Gold Coat
■ HDG ■ Triple Zinc