

**MP34** – Framing angle without tabs.

**MPA1** – Tabs enable two and three-way connections.

**MPA1F** – Flat version of MPA1.

**MP4F** – Connects 2x framing with floor sheathing up to 5/8".

**MP6F** – Connects 3x framing with floor sheathing up to 3/4". Better choice for connections where floor sheathing is between sole plate and rim board.

**Materials:** See chart

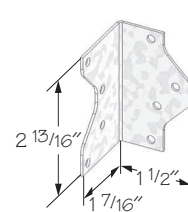
**Finish:** G90 galvanizing, MPA1-GC – Gold Coat.

**Options:** MPA1, MPA1F, MP34, & MP4F are available in Triple Zinc. To order, add TZ to stock number, as in **MPA1F-TZ**. MPA1 & MP34 are available in Stainless Steel. To order, add SS to stock number, as in **MPA1-SS**.

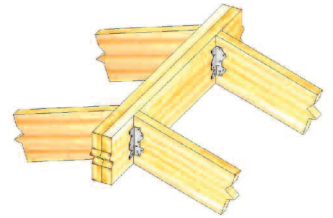
**Codes:** NER 505, NER 608, FL821, FL816,  
Dade County, FL 06-0605.10 — MP34 & MPA1,  
L.A. City RR 25303 & RR 25357

**Installation:**

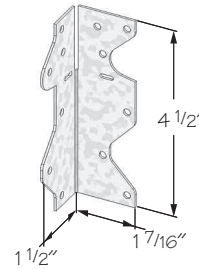
- Use all specified fasteners. See Product Notes, page 16.
- **Bend tabs only once.**
- MP4F connects 2x framing with floor sheathing up to 5/8".
- MP6F connects 3x framing with floor sheathing up to 3/4". Better choice for connections where floor sheathing is between sole plate and rim board.



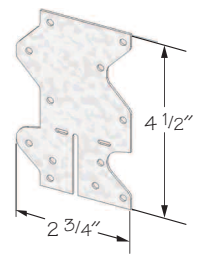
**MP34**



**Typical MPA1F Rafter Support**

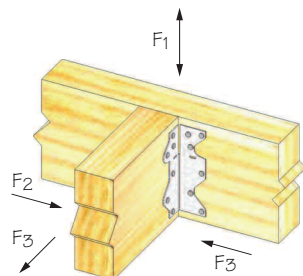


**MPA1**



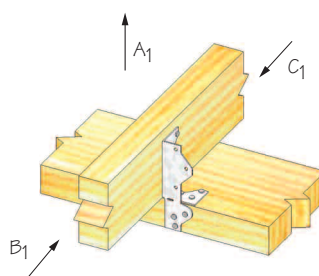
**MPA1F**

**Figure 1**



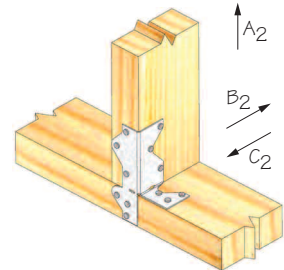
**Typical MPA1 joist / header installation**

**Figure 2**



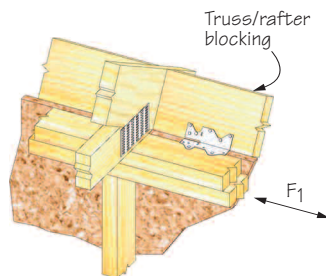
**Typical MPA1 rafter / plate installation**

**Figure 3**



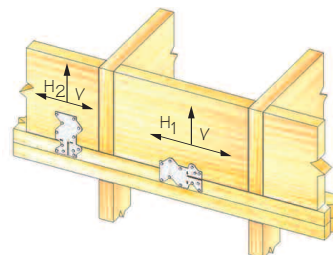
**Typical MPA1 stud / plate installation**

**Figure 4**



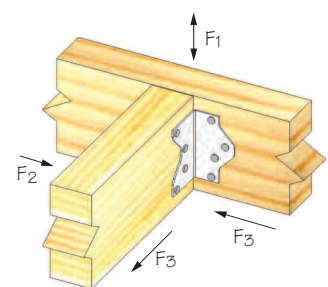
**Typical MPA1 1" foamboard installation**

**Figure 5**



**Typical MPA1F blocking / plate installation**

**Figure 6**



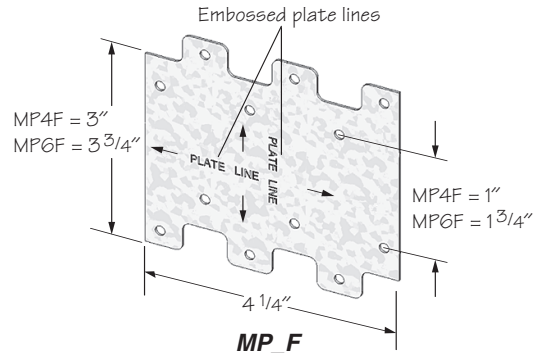
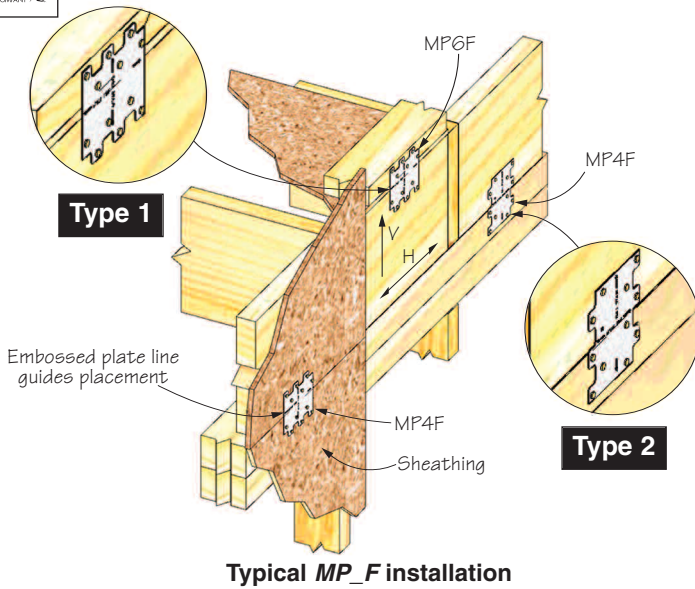
**Typical MP34 joist / header installation**

continued on next page

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Angles & Straps

AVAILABLE IN  
**GOLD  
COAT**



Typical *MP\_F* installation

USP Stock No.	Ref. No.	Steel Gauge	Installation Type <sup>2,4</sup>	Fastener Schedule <sup>3,6</sup>		Direction of Load <sup>2</sup>	Allowable Loads (Lbs.) <sup>1,5</sup>									
				Header or Stud	Joist or Plate		DF-L / SP				S-P-F					
							100%	115%	125%	133%	160%	100%	115%	125%	133%	160%
MPA1	A35	18	Figure 1	(6) 8d x 1-1/2	(6) 8d x 1-1/2	F1	570	655	680	680	680	490	565	585	585	585
						F2	570	655	715	760	795	490	565	615	655	685
						F3	505	505	505	505	505	435	435	435	435	435
			Figure 2	(6) 8d x 1-1/2	(3) 8d x 1-1/2	A1	285	330	355	380	415	245	285	310	330	360
						B1	285	330	350	350	350	245	285	300	300	300
						C1	285	330	355	355	355	245	285	305	305	305
			Figure 3	(6) 8d x 1-1/2	(6) 8d x 1-1/2	A2	505	505	505	505	505	435	435	435	435	435
						B2	280	280	280	280	280	240	240	240	240	240
						C2	375	375	375	375	375	320	320	320	320	320
MPA1 1" Foamboard Installation	A35	18	Figure 4	(6) 8d x 1-1/2	(2) 8d x 1-1/2	F1	190	220	235	235	235	165	190	200	200	200
MPA1-GC	--	18	Figure 1	(6) N8-GC	(6) N8-GC	F1	570	655	680	680	680	490	565	585	585	585
						F2	570	655	715	760	795	490	565	615	655	685
						F3	505	505	505	505	505	435	435	435	435	435
			Figure 2	(6) N8-GC	(6) N8-GC	A1	285	330	355	380	415	245	285	310	330	360
						B1	285	330	350	350	350	245	285	300	300	300
						C1	285	330	355	355	355	245	285	305	305	305
			Figure 3	(6) N8-GC	(6) N8-GC	A2	505	505	505	505	505	435	435	435	435	435
						B2	280	280	280	280	280	240	240	240	240	240
						C2	375	375	375	375	375	320	320	320	320	320
MPA1-GC 1" Foamboard Installation	--	18	Figure 4	(6) N8-GC	(2) N8-GC	F1	190	220	235	235	235	165	190	200	200	200
MPA1F	--	18	Figure 5	(6) 8d x 1-1/2	(6) 8d x 1-1/2	V	190	220	235	235	235	165	190	200	200	200
						H1	570	655	655	655	655	490	565	565	565	565
						H2	475	475	475	475	475	410	410	410	410	410
MP34	A34	18	Figure 6	(4) 8d x 1-1/2	(4) 8d x 1-1/2	F1	380	435	475	505	525	330	375	410	435	455
						F2	380	435	475	505	610	330	375	410	435	525
						F3	340	340	340	340	340	290	290	290	290	290
MP4F	LTP4	20	Type 1	(6) 8d x 1-1/2	(6) 8d x 1-1/2	V	565	650	705	750	885	485	560	610	650	745
						H	565	650	705	750	845	485	560	610	650	710
			Type 2	(6) 8d x 1-1/2	(6) 8d x 1-1/2	V	565	650	705	750	885	485	560	610	650	745
						H	565	650	705	720	720	485	560	605	605	605
			Type 1	(6) 8d	(6) 8d	V	565	650	705	750	885	485	560	610	650	745
						H	565	650	705	750	845	485	560	610	650	710
Type 2	(6) 8d	(6) 8d	V	565	650	705	750	885	485	560	610	650	745			
			H	565	650	705	720	720	485	560	605	605	605			
MP6F	LTP5	20	Type 1	(6) 8d x 1-1/2	(6) 8d x 1-1/2	V	565	650	705	750	885	485	560	610	650	745
						H	565	605	605	605	605	485	510	510	510	510
			Type 2	(6) 8d x 1-1/2	(6) 8d x 1-1/2	V	565	650	705	750	885	485	560	610	650	745
						H	565	630	630	630	630	485	530	530	530	530
			Type 1	(6) 8d	(6) 8d	V	565	650	705	750	885	485	560	610	650	745
						H	565	605	605	605	605	485	510	510	510	510
			Type 2	(6) 8d	(6) 8d	V	565	650	705	750	885	485	560	610	650	745
						H	565	630	630	630	630	485	530	530	530	530

1) Allowable loads have been increased 33-1/3% or 60% for wind or seismic loads; no further increase shall be permitted.  
 2) Refer to drawings for installation type and definition of the various load directions.  
 3) 8d x 1-1/2 and N8-GC nails are 11 gauge (0.131" diameter) by 1-1/2" long.  
 4) If installing MPA1F, MP4F, or MP6F over plywood, use 8d common nails for 100% of table load.  
 5) Loads are shown per angle. When using a single anchor, joist must be constrained from rotation.  
 6) Minimum nail embedment shall be 1-5/16" for 8d nails.

New products or updated product information are designated in red.

USP Stock No.	Triple Zinc (TZ)	Hot-Dip Galvanized (HDG)	Stainless Steel (SS)	Gold Coat (GC)
<b>Fasteners / Anchors</b>				
AB1212-HDG		X		
AB1218-HDG		X		
AB126-HDG		X		
AB128-HDG		X		
AB5817-HDG		X		
BP1		X		
BP12		X		
BP34		X		
BP58		X		
BP582		X		
BP583		X		
BP78		X		
HBPS12		X		
HBPS34		X		
LBP12-TZ	X			
LBP34-TZ	X			
LBP58-TZ	X			
LBPS12-TZ	X			
LBPS58-TZ	X			
N8-GC				X
N8C-GC				X
N10-GC				X
N10C-GC				X
N16C-GC				X
NA11		X	X	
NA16D		X		
NA20D		X		
NA21		X		
NA25		X		
NA250		X		
NA9D		X		
STB16		X		
STB20		X		
STB24		X		
STB28		X		
STB34		X		
STB36		X		
STBL16		X		
STBL20		X		
STBL24		X		
STBL28		X		
STBL34		X		
WS15-GC				X
<b>Holdowns / Foundation Anchors</b>				
FA3	X			
HPA35		X		
PA18	X			
PA23	X			
PA28	X			
PA35	X			
ST1-TZ	X			
ST2-TZ	X			
TA51	X			
TA71	X			
TDL5	X			
TDL10	X			
TDX2	X	X		
TDX6		X		
TDX8		X		
<b>Embedded Truss Anchors</b>				
H1A20	X			
HTA24	X			
TA20	X			
TA24	X			

USP Stock No.	Triple Zinc (TZ)	Hot-Dip Galvanized (HDG)	Stainless Steel (SS)	Gold Coat (GC)
<b>Stud Plate Ties</b>				
RSPT4		X		
RSPT6		X		
RSPT6-2		X		
SPT4		X		
SPT6		X		
SPT22		X		
SPT24		X		
SPTH4		X		
SPTH6		X		
<b>Column / Post Bases</b>				
CBS44		X		
CBS66		X		
CBSQ44-TZ	X			
CBSQ46-TZ	X			
CBSQ66-TZ	X			
D44	X			
D46	X			
D66	X			
EBG44	X			
EPB4408		X		
KCB44		X		
KCB46		X		
KCB48		X		
KCB66		X		
KCB68		X		
KCB88		X		
KCB1010		X		
KCB1212		X		
PA44	X			
PA44E	X			X
PA46	X			
PA46E	X			X
PA66	X			
PA66E	X			X
PAU44	X			
PAU46	X			
PAU66	X			
PAU88	X			
WAS44	X			
WAS46	X			
WAS66	X			
WE44	X			
WE46	X			
WE66	X			
<b>Column / Post Caps</b>				
C44	X			
C46	X			
C66	X			
EPCM4416	X			
EPCM4616	X			
KCC44		X		
KCC46		X		
KCC64		X		
KCC66		X		
KECC44		X		
KECC46		X		
KECC64		X		
KECC66		X		
PB44-6	X			X
PB66-6	X			X
PBC44-TZ	X			
PBC66-TZ	X			

USP Stock No.	Triple Zinc (TZ)	Hot-Dip Galvanized (HDG)	Stainless Steel (SS)	Gold Coat (GC)
<b>Column / Post Caps</b>				
PBES44		X		
PBES66		X		
PBS44		X		
PBS66		X		
PCM44		X		
PCM4416		X		
PCM46		X		
PCM4616		X		
PCM66		X		
PCM6616		X		
<b>Joist Hangers</b>				
HUS26		X		
HUS28		X		
HUS28-2IF		X		
HUS210		X		
HUS210-2IF		X		
JUS24			X	X
JUS26			X	X
JUS26-2			X	X
JUS28			X	
JUS28-2			X	
JUS28-3			X	
JUS210			X	X
JUS210-2			X	X
JUS210-3			X	
JUS44			X	
JUS46			X	
JUS48			X	
JUS410			X	
JUS414			X	
LSSH15-TZ			X	
LSSH210			X	
LSSH31			X	
SKH26R/L				X
SKH28R/L				X
SKH210R/L				X
TMU26			X	
<b>Hurricane / Seismic Anchors</b>				
HHCP2		X		
LFTA6		X		
RT3A		X		
RT4		X		X
RT5		X		X
RT7		X		X
RT7A		X		X
RT10		X		X
RT15		X		X
RT16		X		X
RT16-2		X		
RT20		X		
<b>Truss Hangers</b>				
HJH28L/R		X		
MSH418		X		
MSH422		X		
THD26		X		
THD26-2		X		
THD210-2		X		

USP Stock No.	Triple Zinc (TZ)	Hot-Dip Galvanized (HDG)	Stainless Steel (SS)	Gold Coat (GC)
<b>Framing Plates &amp; Angles</b>				
A3		X		
AC5		X		
AC7		X		X
AC9		X		X
JA1		X		
MP3		X		
MP34		X		X
MP4F		X		
MP5		X		
MP7		X		X
MP9		X		X
MPA1		X		X
MPA1F		X		
<b>Straps</b>				
KRPS18		X		
KRPS22		X		
L6		X		X
LSTA24				X
MSTA9		X		
MSTA12		X		X
MSTA15		X		X
MSTA18		X		X
MSTA21		X		
MSTA24		X		
MSTA30		X		
MSTA36		X		
PS218-HDG			X	
PS418-HDG			X	
PS720-HDG			X	
RS150		X		
RT24F		X		
T6		X		X
<b>Twist Straps</b>				
LTW12		X		X
LTW18		X		X
LTW20				X
MTW12		X		
MTW16		X		
MTW20		X		
MTW30		X		
RT16T		X		
RT24T		X		
<b>Miscellaneous</b>				
ANJ44S		X		
DC50-TZ		X		
CSH-TZ		X		
ERB24-TZ		X		
FB14-TZ		X		
FB16-TZ		X		
FB23-TZ		X		
FB240-TZ		X		
FRB24-TZ		X		
ICPL58		X		
ICPL516-TZ		X		
PRT2-TZ		X		
SCA9-TZ		X		X
SCA10-TZ		X		X
SDJT14-TZ		X		
SDPT5-TZ		X		
SDPT7-TZ		X		