

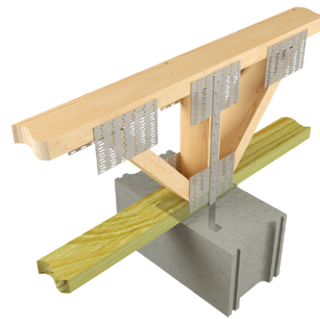
Moisture Barrier Plates protect the bottom chords of trusses from moisture damage caused by direct contact with concrete. These plates eliminate the need for more expensive treated wood plates.

Materials: See chart

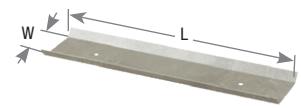
Finish: G90 galvanizing

Installation:

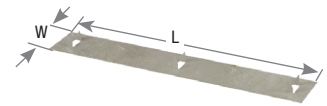
- Use all specified fasteners. See Product Notes, page 18.
- Pre-attach to truss bottom chord or rafter using pre-punched prongs and/or 6d common nails to prevent wood-to-concrete contact.



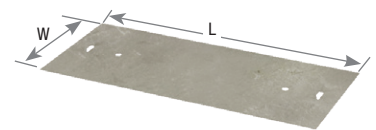
Typical NOP4 installation



NOP1



NOP2X



NOP4

Size	MiTek USP Stock No.	Ref. No.	Steel Gauge	Dimensions (in)		Fastener Schedule ¹		Code Ref.
				W	L	Qty	Type	
2x	NOP2X	TSS2, TBP8	26	1-7/16	8	--	--	--
	NOP1	--	22	1-1/2	8	2	6d	
4x	NOP4	TSS2-2	26	3-1/2	8	2	6d	

1) **NAILS:** 6d nails are 0.120" dia. x 2" long.

LPTA Embedded Truss Anchors

Low profile design attaches to 2x4 or larger bottom chords and provides uplift and lateral load resistance.

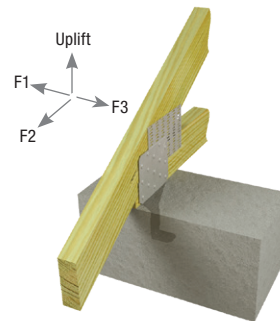
Materials: 18 gauge

Finish: G90 galvanizing

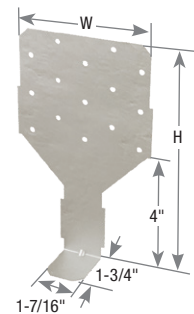
Codes: FL

Installation:

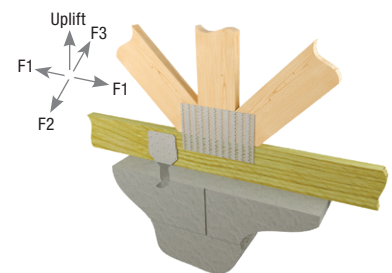
- Use all specified fasteners. See Product Notes, page 18.
- Embed LPTA 4" into concrete tie beam or masonry bond beam.
- Anchors should be spaced no closer than 8" center-to-center.
- **Moisture barrier may be required.**



Typical LPTA perpendicular installation



LPTA



Typical LPTA parallel installation

MiTek USP Stock No.	Ref. No.	Steel Gauge	Dimensions (in)		Load Direction to Wall Installation	Fastener Schedule ⁵		DF/SP Allowable Loads (Lbs.) ^{1,2}				S-P-F Allowable Loads (Lbs.) ^{1,2}				Code Ref.
			W	H		Min Qty ^{3,4}	Type	Uplift 160%	F1 160%	F2 160%	F3 160%	Uplift 160%	F1 160%	F2 160%	F3 160%	
LPTA	LTA2	18	5	8-1/4	Perpendicular	10	10d x 1-1/2	1510	335	745	345	1510	280	745	345	FL
					Parallel			1470	750	1085	335	1470	750	975	280	

1) Allowable loads have been increased 60% for wind or seismic loads; no further increase shall be permitted.
 2) Connector shall be installed to fully grouted and reinforced masonry units (CMU) type S or better mortar or reinforced concrete (f'c = 2,500 psi at 28 days).
 3) Minimum quantity of fasteners to be installed. Product may have additional nail holes not needed to meet published allowable load of product.
 4) The five nail holes nearest the embedment line must be filled to achieve the lateral loads listed in the table.
 5) **NAILS:** 10d x 1-1/2 nails are 0.148" dia. x 1-1/2" long.