

MAS Mud sill Anchor

A fast, low installed cost mudsill anchor. Fast for the finisher—Install before pouring concrete by nailing into form, or insert into concrete after pour. Finish up to edge of slab—no anchor bolts to hand-trowel around, no nuts or washers to lose. For slab or stemwall construction.

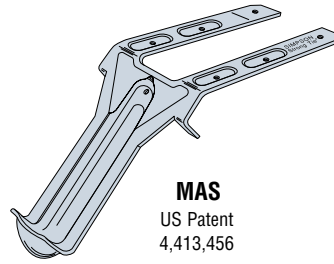
MATERIAL: 54 mil (16 ga)

FINISH: Galvanized. Available with ZMAX® coating; see Corrosion Information, page 12-13.

INSTALLATION: • Use all specified fasteners.

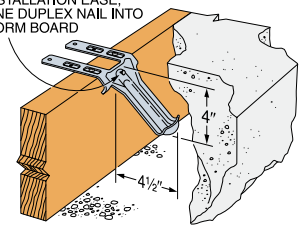
- Not for use where (a) a horizontal cold joint exists between the slab and foundation wall or footing beneath, unless provisions are made to transfer the load, or (b) anchors are installed in slabs poured over foundation walls formed of concrete block.
- Recommended to use low profile head screws when sheathing installed over MAS.
- Channel section must be attached to the inside of the track for correct MAS installation.
- Minimum concrete compressive strength f'c, 2500 psi.

CODE: See page 8 for Code Listing Key Chart.

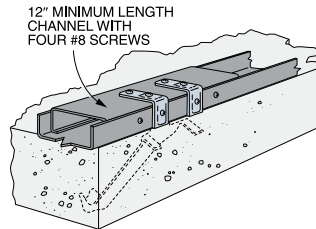


MAS
US Patent
4,413,456

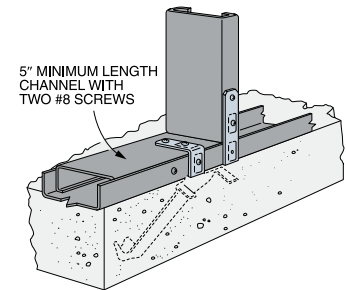
FOR INSTALLATION EASE,
NAIL ONE DUPLEX NAIL INTO
SIDE FORM BOARD



Typical MAS Installation



Typical MAS Installation



MAS Installation with
1-Leg Attached to Stud

Alternate MAS installation allows for MAS to be installed on the other side of bottom track and may be used for panelized wall construction. See *Wood Construction Connector* catalog or www.strongtie.com for details.

Available with additional corrosion protection. Check with factory.

Model No.	Fasteners		Allowable Loads ¹ (100) 33 mil (20 ga)			Code Ref.
	Sides Total	Top	Uplift	Parallel to Track	Perp. to Track	
MAS	2- #10	4- #10	700	800	300	28

1. Tabulated loads are governed by tests and may not be increased. Refer to page 12 for additional information.
2. MAS installed with 1 leg attached to stud has loads of 435 lbs. (uplift), 465 lbs. (parallel to track) and 235 lbs. (perpendicular to track).

LCB Column Bases

LCB uses screws, which allows for fast installation, reduced reveal and high capacity, while maintaining the net section of the column.

FINISH: LCB - galvanized.

MATERIAL: See table

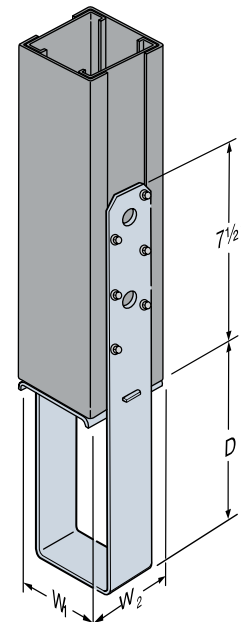
INSTALLATION: • Use all specified fasteners. See General Notes.

- For full loads, minimum side cover required is 2" for LCB.
- Install all models with bottom of base plate flush with concrete.
- Post bases do not provide adequate resistance to prevent members from rotating about the base and therefore are not recommended for non top-supported installations (such as fences or unbraced carports).

OPTIONS: • The LCB may be shipped unassembled; specify "Disassembled".

CODES: See page 8 for Code Listing Key Chart.

Installation for cold-formed steel built-up column.
Note: The engineer of record is responsible for design of column member.



LCB44
(LCB46, LCB66 similar)

Model No.	Column Size	Material Thickness mil (ga)		Dimensions			Column Fasteners	Allowable Uplift Loads				Code Ref.
		Strap	Base	W ₁	W ₂	D		Screws	43 mil (18 ga)		54 mil (16 ga)	
							(100)		(133)	(100)	(133)	
LCB44	3.5 x 3.5	97 (12 ga) x 2"	54 (16 ga)	3 3/16	3 1/2	6 1/2	12- #10	3155	4210	5760	5760	151
LCB46	3.5 x 5.5	97 (12 ga) x 2"	54 (16 ga)	3 3/16	5 1/2	6 1/2	12- #10	3155	4210	5760	5760	
LCB66	5.5 x 5.5	97 (12 ga) x 2"	54 (16 ga)	5 1/2	5 1/2	5 1/2	12- #10	3155	4210	5760	5760	

1. Tabulated loads shown at (100) do not include steel stress increase. Tabulated loads shown at (133) include a 1/3 stress increase on the steel. Refer to page 12 for additional information.
2. Sizes indicate nominal dimensions.
3. Designer is responsible for concrete design.