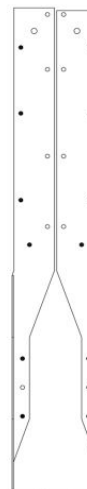




MSH422IF Strap Hanger Masonry Application

The MSH422IF Strap Hanger can be used to connect 3-1/2" wide floor trusses to masonry wall structures. Allowable loads are based on proper use of fasteners installed per manufacturer's specifications.

- Masonry screw shall be 3/16" diameter Powers® Fasteners Tapper+ or equivalent
- Minimum masonry screw embedment shall be 1-1/4"
- Install masonry screws **only in shaded fastener holes** as indicated on illustration to achieve listed loads in the table below



MSH422IF

Joist Width	MiTek Stock No.	Steel Gauge	Dimensions (in)			Fastener Schedule ²				DF/SP Allowable Load (Lbs.) ^{1,3}		
			W	H	D	Masonry		Joist/Beam		Download 100%	Uplift ⁵ 160%	Field Uplift ⁶ 160%
						Qty	Tapper+® HWH Screw Anchor	Qty	Type ⁴			
3-1/2"	MSH422IF	16	1-5/8	8-3/4	2-1/4	12	3/16"	4	10d	1680	605	605

- 1) Allowable loads assume the use of Powers® Tapper+® HWH 3/16" with minimum embedment of 1-1/4".
- 2) Fasteners to be installed per manufacturer's recommendations.
- 3) Allowable loads are based on specified holes being filled.
- 4) 10d nails are 0.148" dia. x 3" long.
- 5) Allowable uplift when the uppermost masonry fasteners have an edge distance less than 2" from the top of the masonry wall.
- 6) Allowable uplift when the uppermost masonry fasteners have an edge distance greater than 2" from the top of the masonry wall.

Customer Service & Technical Assistance

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