USP STRUCTURAL CONNECTORS

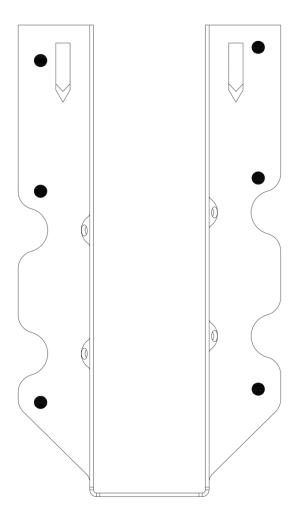


ENGINEERED PRODUCTS/ENGINEERING SERVICES

Technical Bulletin JUS28 Face Mount Hanger MASONRY APPLICATION

The JUS28 Face Mount Hanger can be used to connect 2x8 and 2x10 plated wood trusses, rafters, or joists 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+.
- 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.
- · Install joist nails parallel to the face of the wall.



			Fastener Schedule ²			DF/SP Allowable Load (lbs) ^{1,3}			
USP		Steel	Wood		Masonry		Down	Uplift⁵	Field Uplift ⁶
Stock No	Description	Gauge	Qty	Size ⁴	Qty	Size	100%	160%	160%
JUS28	2 x 8 - 10 Face Mount Hanger	18	4	10d x 1-1/2	6	3/16"	840	560	740

- 1) Allowable loads assume the use of Powers® Fasteners 3/16" Tapper+™ with minimum embedment of 1-1/4".
- 2) Fasteners to be installed per manufacturer's recommendations.
- Allowable loads based on specified holes being filled.
- 4) 10dx1-1/2" nails are 9 guage (0.148" diameter) by 1-1/2" 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.