## \$USP STRUCTURAL CONNECTORS

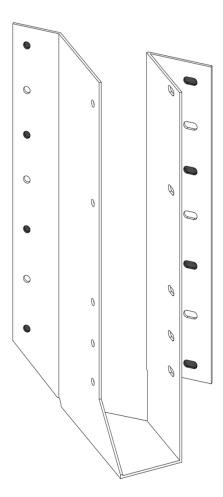
## **USP STRUCTURAL CONNECTORS**

## ENGINEERED PRODUCTS/ENGINEERING SERVICES

## Technical Bulletin SKH210L/R Skewed 45° Hangers MASONRY APPLICATION

The *SKH210L/R Skewed 45* ° *Hangers* can be used to connect skewed plated wood trusses, rafters, or rim 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.



			Fastener Schedule <sup>2</sup>			2	DF/SP Allowable Load (lbs) <sup>1,3</sup>		
USP		Steel	Wood		Masonry		Down	Uplift <sup>5</sup>	Field Uplift <sup>6</sup>
Stock No	Description	Gauge	Qty	Size <sup>4</sup>	Qty	Size	100%	160%	160%
SKH210L/R	2 x 10-14 Skewed 45° Facemount Hanger	16	10	10d x 1-1/2	8	3/16"	1120	840	1120

<sup>1)</sup> Allowable loads assume the use of Powers® Fasteners 3/16" Tapper+™ with minimum embedment of 1-1/4".

<sup>2)</sup> Fasteners to be installed per manufacturer's recommendations.

<sup>3)</sup> Allowable loads based on specified holes being filled.

<sup>4) 10</sup>d x 1-1/2 nails are 9 gauge (0.148" diameter) by 1-1/2" long.

<sup>5)</sup> Allowable uplift when the uppermost masonry fasteners have an edge distance less than 2" from the top of the masonry wall.

<sup>6)</sup> Allowable uplift when the uppermost masonry fasteners have an edge distance greater than 2" from the top of the masonry wall.