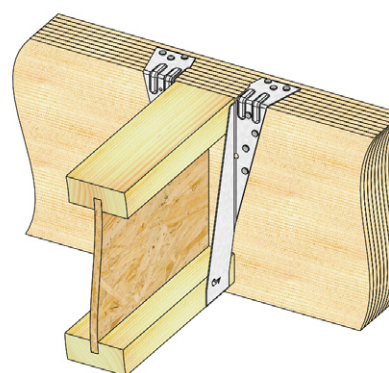
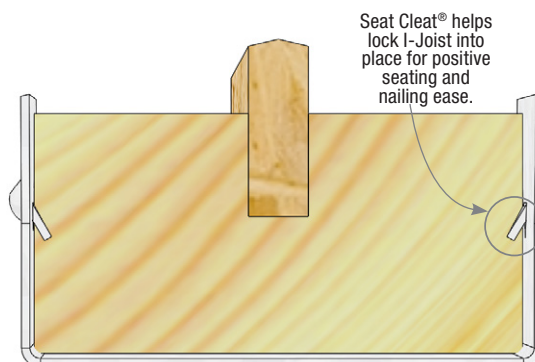


# THO, TFL, IHFL, IHF & THFI Single-Ply I-Joist Hangers Uplift Values With No Joist Nails Installed

MiTek recognizes in floor applications it may not be desirable or necessary to install joist nails into the bottom flange of the I-Joist. However, there may be instances where minimal uplift resistance is needed to achieve design uplift requirements.

THO, TFL, IHFL, IHF and THFI single-ply engineered wood I-joist hangers can be installed without joist nails. When joist nails are not installed, MiTek's Seat Cleat<sup>®</sup> prongs will hold the I-Joist in place and provide uplift resistance. Refer to the chart below for allowable uplift values when no joist nails are installed.



**No joist nailing required  
 for floor installations**

Hanger Type	USP Series	Dimensions (in)		Fastener Schedule		Allowable Loads (Lbs.)		
		Joist Width	D <sup>3</sup>	Header	Joist <sup>2</sup>	Floor 100% <sup>4</sup>	DF/SP Uplift 160% <sup>1</sup>	SPF Uplift 160% <sup>1</sup>
Top Mount	THO	1-1/2 – 5	≥ 2	Per MiTek Product Catalog	--	See MiTek USP Product Catalog	85	75
	TFL	1-3/4 – 2-1/2	2					
Face Mount	IHFL	1-1/2 – 3-1/2	≥ 2	Per MiTek Product Catalog	--	See MiTek USP Product Catalog	50	45
	IHF	1-1/2 – 3-1/2	≥ 2				65	55
	THFI	2-1/2	2				120	105

- 1) Uplift loads have been increased 60% for wind or seismic loads; no further increase shall be permitted.
- 2) MiTek Product Catalog lists (2) 10d x 1-1/2 nails for correct installation.
- 3) D denotes the depth of the hanger or bearing surface for the joist.
- 4) Refer to the MiTek USP Product Catalog for design values for floor installation at 100% load duration as it varies by USP stock number, joist type, and wood species.

## Customer Service & Technical Assistance

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