



UMH Universal Masonry Hangers

A versatile solution for hanging beams from masonry walls. Face mount design allows hanger to be used with beam heights from 16" to 24". Available in a variety of widths for solid sawn, glulam, or engineered lumber beams.

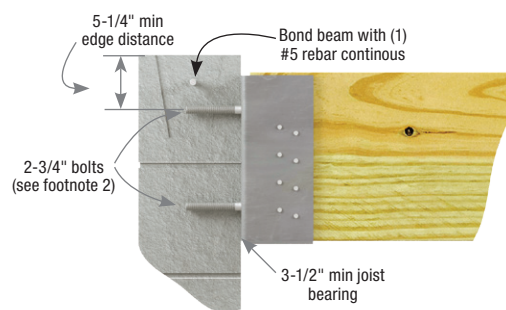
Materials: 1/4" steel

Finish: MiTek primer

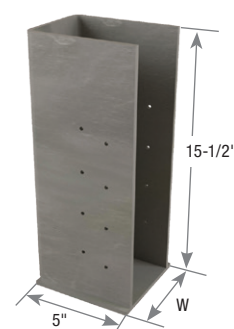
Codes: Load values are derived from data submitted to various North American building code evaluators.

Installation:

- Use all specified fasteners.
- Fully grouted and reinforced concrete block or cast-in-place concrete with a minimum of (1) #5 rebar continuous to footing with standard hook at bolt locations.
- Minimum joist bearing length is 3-1/2".



Typical UMH installation



UMH

MiTek Stock No.	Steel Gauge	W (in)	Fastener Schedule				Unit	DF Factored Resistance				S-P-F Factored Resistance			
			Header ^{2,3}		Joist ⁴			Masonry 2,500 psi		Cast-in-Place Concrete 3,000 psi		Masonry 2,500 psi		Cast-in-Place Concrete 3,000 psi	
			Qty	Bolt Dia. (in)	Qty	Type		Vertical 100%	Uplift ¹ 115%	Vertical 100%	Uplift ¹ 115%	Vertical 100%	Uplift ¹ 115%	Vertical 100%	Uplift ¹ 115%
UMH358	3	3-5/8	2	3/4	16	16d	Lbs	6610	4390	9455	7770	6610	4390	7445	6785
							kN	29.40	19.53	42.06	34.56	29.40	19.53	33.12	30.18
UMH458	3	4-5/8	2	3/4	16	16d	Lbs	6610	4390	9455	7770	6610	4390	7445	6785
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1) Factored resistances have been increased 15% for short-term loads such as wind and earthquake; no further increase allowed.
 2) Fasten UMH hanger to concrete structure with two 3/4" dia. Powers Fasteners Wedge-Bolts® or equal with 5" minimum embedment. Bolts shall be installed in masonry with grouted cells in accordance with manufacturer's installation specifications.
 3) Bolts must conform to ASTM A 307 or better.
 4) **NAILS:** 16d nails are 0.162" dia. x 3-1/2" long.

PEO
Certificate No. 10889485



Sept. 20, 2017

Use in conjunction with MiTek's current Canadian Product Catalogue for detailed hanger information.



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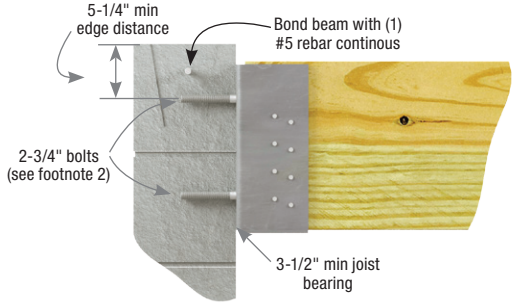
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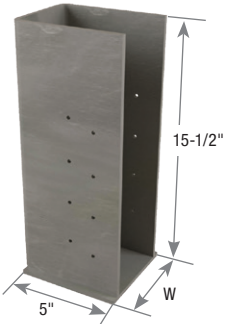
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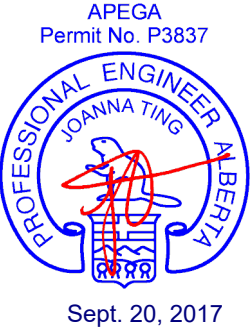
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APEGM
Certificate No. 96



APEGS
Certificate No. C0940



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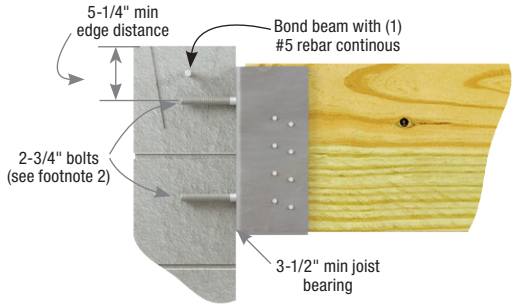
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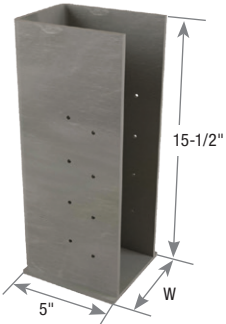
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APENS
Permit No. 15800 0

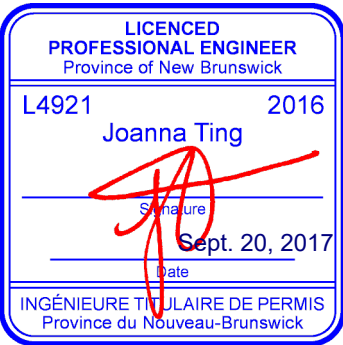


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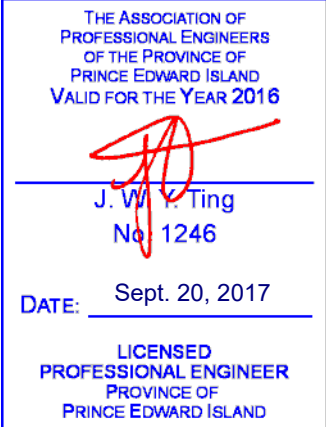
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APEGNB
Certificate No. F0649



APEPEI
Permit No. A195



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