

ICF JOIST HANGER



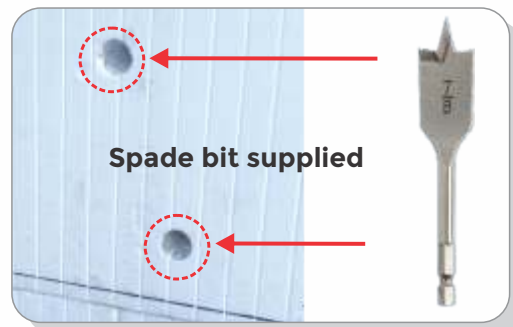
Burmon's ICF Joist Hanger utilizes the Burmon ICF Connector System, a revolutionary double threaded cylinder bolt assembly that connects and anchors wood ledger brackets, wood and steel ledgers, joist hangers, I-joists, beams and trusses to insulated concrete forms (ICF) walls.



Burmon's ICF Joist Hangers were a great success, so easy to install. All stayed in place for the pour as well as saving labour and time for the contractors. Installing the joists took less than a day.

Malcolm

Sideland Developments Limited



**Joist Hangers are available
for 1½", 2½" & 3½" widths**

FEATURES:

- ✓ No Wood Ledger Required
- ✓ Fast and Easy to Use
- ✓ High Capacity & Cost Effective
- ✓ Spade Drill Bit supplied
- ✓ Joist Hangers, Bolts and Washers Supplied
- ✓ Engineered for ICF Construction
- ✓ Available in 1½, 2½ & 3½ widths
- ✓ Fits Tightly in ICF Wall During Concrete Pour

ICF JOIST HANGER

TECHNICAL INFORMATION

BURMON STOCK CODE **ICFJH**

SPECIFICATION



**DOWNLOAD
INTERTEK
ENGINEERING
REPORT**

NOTE: The Allowable Load Table is calculated in accordance with ASTM D7147-11 Section 13, the allowable downward load is calculated as the lesser of:

- The lowest ultimate load per hanger divided by 3.
- The average, over each hanger in each specimen, load that produces a vertical deflection of 0.125 inches at the bottom of the hanger with respect to the wall. Refer to Intertek Engineering report K9541.01-119-42 RO for Test results.

https://burmon.com/file_download/183



LOAD TABLE

Burmon Stock No.	Steel Gauge	Hanger seat width	Hanger height	Hanger seat depth	Nail fastener schedule	LIMIT STATE DESIGN				Corrosion finish
						Vertical	Lateral	Uplift	Pullout*	
BURMON-ICFJH 1-1/2	14	1½	8"	3"	N10	13.1 k/N 2950 lbs	12.5 k/N 2820 lbs	11.1 k/N 2493 lbs	8.9 k/N 2000 lbs	G90
BURMON-ICFJH 2-1/2	14	2½	8"	3"	N16	13.1 k/N 2950 lbs	12.5 k/N 2820 lbs	11.1 k/N 2493 lbs	8.9 k/N 2000 lbs	G90
BURMON-ICFJH3-1/2	14	3½	8"	3"	16d common	13.1 k/N 2950 lbs	12.5 k/N 2820 lbs	11.1 k/N 2493 lbs	8.9 k/N 2000 lbs	G90

- Loads apply to ICF foam thickness of 3¼ or less.
- Fill all hanger holes with nails specified.
- Concrete should have a minimum compressive rate of $f'_c = 2,500$ psi (17.25 MPa)
- The bolts of BURMON ICFJH must be no closer than 4 inches to the top of wall.
- * If requiring pullout loads, place one ½ inch hex bolt 3½ inches long into each cylinder bolt hole.