

The Original Internally Reinforced Floor Joist



Metwood TUFFJOIST™ combines the strength and consistency of standard C-Stud joists, the flexibility of pre-punched reinforced access holes, and Metwood's patented internal reinforcing technology.

Access holes greatly improve installation and architectural flexibility. Plumbing, HVAC, electrical, and other technology services can be installed within the floor system improving ease of installation while maintaining structural integrity.

Hole sizes vary from 4", 6", 8" and 10" depending on beam depth. Other sizes available on request. Beams can be manufactured without holes for certain applications.

- Design Flexibility
- Non-combustible
- Commercial and Residential
- Utilized for Shoring Alternative
- Green Building Products
- Hangers and Ledger System
- Support Plywood, Concrete, or Other
- May be cambered to reduce deflection and increase load capacity.



Environmental Data

Metwood used recycled steel products from Nucor, America's largest recycler, and is 100% recyclable.

TUFFJOIST™

Internally Reinforced

Cold Formed Steel Joist

by METWOOD



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STRUCTURAL
SOLUTIONS**

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TUFFJOIST

by METWOOD

The Original Internally Reinforced Floor Joist



- 12" x 2.5" TUFFJOIST™
- 34' Span
- 19.2" O.C. 3/4"
- T&G Plywood
- 1" Camber
- Total Load Deflection Greater than L/900



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