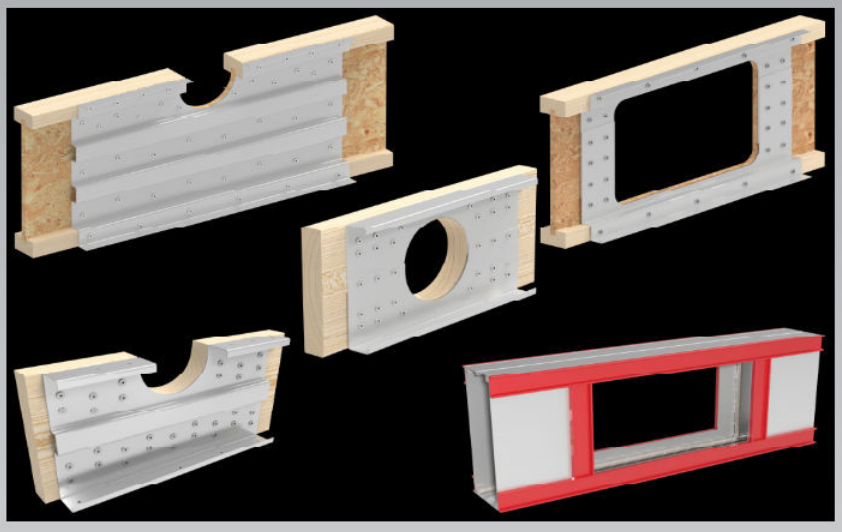
# Reinforcer Technologies



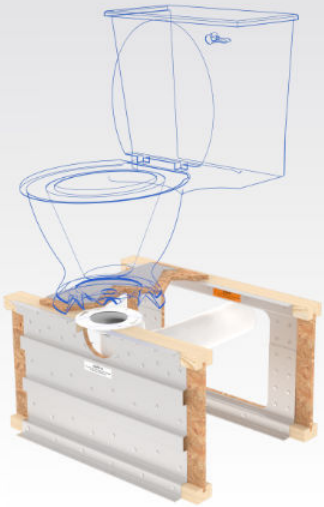
## Run Utilities Right Through Conventional Floor Joists

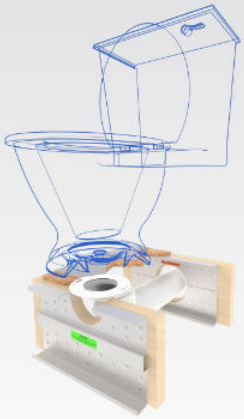
Metwood Joist Reinforcers are engineered light gauge steel attachments for engineered I-Joists or conventional framing. By allowing larger openings in Floor Joists, the Joist Reinforcer simplifies the routing and installation of utilities

### Strength
Metwood Joist Reinforcers restore the strength of Floor Joists weakened by the placement of large holes or cut-outs.

### Simplifies Construction
Allows utilities to be placed through the floor system rather than routing them below and decreasing ceiling height. Eliminates the need for bulkheads, chases and special engineering.

### Easy Installation
Metwood Joist Reinforcers are simply glued and screwed to the side of the Floor Joist (screws included).





**Environmental Data** - The Average Recycled Steel Content of Metwood Products (% of Total Weight) is 70% or greater and are 100% recyclable.

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**Reinforcer™ Technologies**

by Metwood

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Reinforcer™
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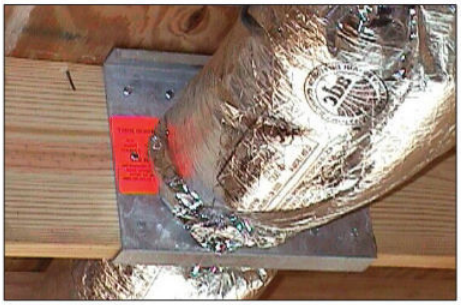
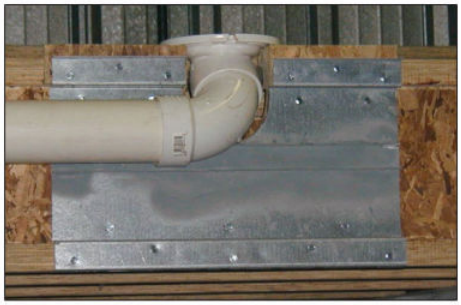
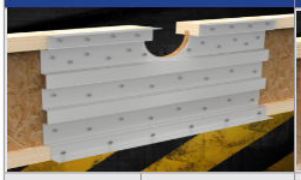
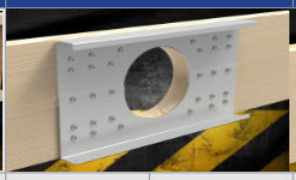
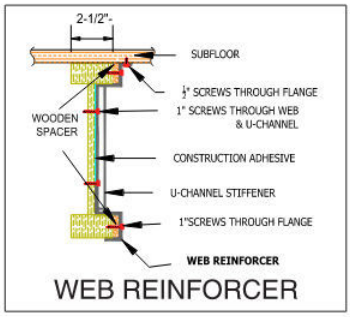
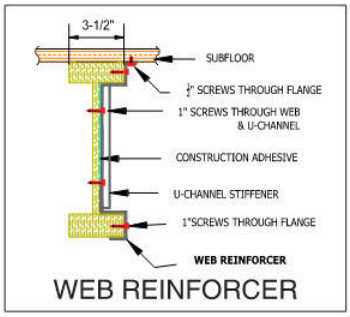




| I-Joist Flange Reinforcer | | I-Joist Web Reinforcer | | Hole Reinforcer | | Notch Reinforcer | | Beam Reinforcer | |
|---|---|---|---|---|---|---|---|---|---|
|  | | | |  | | | | | |
| Joist Depth | Notch Size | Joist Depth | Hole Size | Size | Hole Size | Size | Notch Size | Size | Opening Size |
| 9-1/2" | 3-1/4"H x 5"W | 9-1/2" | 5-1/2"H x 12"W | 2" x 8" | 4" | 2" x 10" | 3-1/2"H x 5"W | Opening sizes and locations are determined by load and span on a per project basis | |
| 11-7/8" | 4"H x 5"W | 11-7/8" | 7-7/8"H x 12"W | 2" x 10" | 6" | | | | |
| 14" | 4"H x 5"W | 14" | 10"H x 16"W | 2" x 12" | 6" | | | | |
| 16" | 4"H x 5"W | 16" | 12"H x 16"W | | | | | | |



WEB REINFORCER



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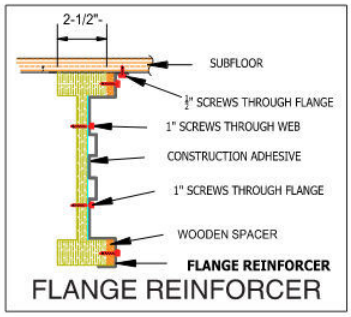
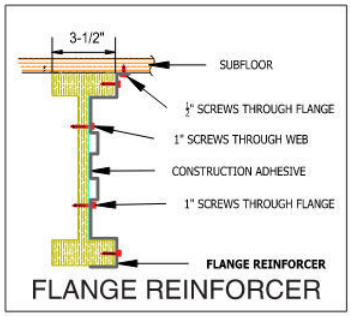


FLANGE REINFORCER



FLANGE REINFORCER

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**2810HR Joist Reinforcer**

**CODE COMPLIANCE**

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