Furring / Hat Channel

Product category: 1-1/2" Furring / Hat Channel - 16ga (54mils)
Product name: 150F125-54 (50ksi, CP60)
Coating: CP60 (G90 available)

Geometric Properties
- Depth: 1.500 in
- Width: 1.250 in
- Design Thickness: 0.0566 in
- Min. steel thickness: 0.0538 in
- Yield stress, Fy: 50ksi
- Ultimate, Fu: 65ksi

Gross Section Properties of Full Section, Strong Axis
- Cross sectional area (A): 0.278 in(^2)
- Member weight per foot of length: 0.946 lb/ft
- Moment of inertia (Ix): 0.087 in(^4)
- Radius of gyration (Rx): 0.558 in
- Gross moment of inertia (ly): 0.145 in(^4)
- Gross radius of gyration (Ry): 0.722 in

Effective Section Properties, Strong Axis
- Moment of inertia for deflection (Ix): 0.087 in(^4)
- Section modulus (Sx): 0.122 in(^3)
- Allowable bending moment (Ma): 275.55 ft-lb
- Allowable shear force (Va): 1117 lb

Product Data & Ordering Information:
- Stock length: 10'-0" and 12'-0" long pieces
- Packaging: 10 pieces per bundle - 440 pieces per pallet
- Packaging weight: 95 lbs/bundle

ASTM & Code Standards:
- AISI North American Specification [NASPEC] S100-12
- Structural furring is produced to meet or exceed ASTM C955
- Galvanized sheet steel meets or exceeds requirements of ASTM A1003
- For installation & storage information refer to ASTM C1007
- SDS & Product Certification Information is available at www.clarkdietrich.com/SupportDocs

Furring / Hat Channel Allowable Ceiling Spans (Deflection: L/360)

<table>
<thead>
<tr>
<th>Dead Load</th>
<th>4 psf</th>
<th>6 psf</th>
<th>8 psf</th>
<th>10 psf</th>
<th>12 psf</th>
<th>14 psf</th>
<th>16 psf</th>
<th>18 psf</th>
<th>20 psf</th>
<th>22 psf</th>
<th>24 psf</th>
</tr>
</thead>
<tbody>
<tr>
<td>Hat Spacing o.c.</td>
<td>12&quot;</td>
<td>10&quot;</td>
<td>8&quot;</td>
<td>6&quot;</td>
<td>4&quot;</td>
<td>2&quot;</td>
<td>2&quot;</td>
<td>1.5&quot;</td>
<td>1&quot;</td>
<td>0.5&quot;</td>
<td></td>
</tr>
<tr>
<td>Single Span</td>
<td>9'-10&quot;</td>
<td>8'-11&quot;</td>
<td>7'-9&quot;</td>
<td>6'-7&quot;</td>
<td>5'-9&quot;</td>
<td>4'-10&quot;</td>
<td>3'-10&quot;</td>
<td>2'-5&quot;</td>
<td>1'-7&quot;</td>
<td>5'-5&quot;</td>
<td></td>
</tr>
<tr>
<td>Multiple Span</td>
<td>12'-2&quot;</td>
<td>11'-0&quot;</td>
<td>9'-8&quot;</td>
<td>8'-6&quot;</td>
<td>7'-4&quot;</td>
<td>6'-2&quot;</td>
<td>4'-10&quot;</td>
<td>3'-5&quot;</td>
<td>2'-3&quot;</td>
<td>6'-6&quot;</td>
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</tbody>
</table>

For more ceiling span tables and table notes see:
https://www.clarkdietrich.com/products/drywall-framing/furring-channel-hat-channel

Sustainability Credits:
For more details and LEED letters contact Technical Services at 888-437-3244 or visit www.clarkdietrich.com/LEED

LEED v4 MR Credit -- Building Product Disclosure and Optimization: EPD (1 point) - Sourcing of Raw Materials (1 point) - Material Ingredients (1 point) - Construction and Demolition Waste Management (up to 2 points) - Innovation Credit (up to 2 points).

LEED 2009 Credit MR 2 & MR 4 -- ClarkDietrich's steel products are 100% recyclable and have a national average recycled content of 34.2% (19.8% post-consumer and 14.4% pre-consumer). If seeking a higher number to meet Credit MR 5, please contact us at (info@clarkdietrich.com / 888-437-3244)