**Product Submittal Sheet**

**Furring / Hat Channel**

**Product category**: 7/8" Furring / Hat Channel - 20ga DW (30mils)

**Product name**: 087F125-30 (33ksi, G40EQ)

**Coating**: G40EQ (G40 or G60 available)

**Geometric Properties**
- **Depth**: 0.875 in
- **Width**: 1.250 in
- **Design Thickness**: 0.0312 in
- **Yield stress, Fy**: 33ksi
- **Ultimate, Fu**: 45ksi

**Gross Section Properties of Full Section, Strong Axis**
- **Cross sectional area (A)**: 0.118 in(^2)
- **Member weight per foot of length**: 0.401 lb/ft
- **Moment of inertia (Ix)**: 0.014 in(^4)
- **Radius of gyration (Rx)**: 0.350 in
- **Gross moment of inertia (Iy)**: 0.056 in(^4)
- **Gross radius of gyration (Ry)**: 0.691 in

**Effective Section Properties, Strong Axis**
- **Moment of inertia for deflection (Ix)**: 0.014 in(^4)
- **Section modulus (Sx)**: 0.031 in(^3)
- **Allowable bending moment (Ma)**: 50.98 ft-lb
- **Allowable shear force (Va)**: 420 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**: 41 lbs/bundle

**ASTM & Code Standards**:
- AISI North American Specification [NASPEC] S100-12
- Non-structural furring is produced to meet or exceed ASTM C645
- Galvanized sheet steel meets or exceeds requirements of ASTM A1003
- For installation & storage information refer to ASTM C754
- 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>Hat Spacing o.c.</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>4 psf</td>
</tr>
<tr>
<td>Single Span</td>
<td>12&quot;</td>
</tr>
<tr>
<td>5'-5&quot;</td>
<td>5'-7&quot;</td>
</tr>
<tr>
<td>Multiple Span</td>
<td>6'-8&quot;</td>
</tr>
</tbody>
</table>

For more ceiling span tables and table notes see: [https://www.clarkdietrich.com/products/drywall-framing/furring-channel-hat-channel](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](http://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](mailto:info@clarkdietrich.com) / 888-437-3244