

Furring / Hat Channel

Product Category: 7/8" Furring / Hat Channel - 25 gauge
Product Name: 087F125-18 (33 ksi, G40EQ)
 18 mils (25 gauge)
 Coating: G40EQ (G40 or G60 Available)

Geometric Properties

Depth	0.875 in	Design thickness	0.0188 in
Width	1.250 in	Min. steel thickness	0.0179 in
Yield stress, Fy	33 ksi	Ultimate, Fu	45 ksi

Gross Section Properties of Full Section, Strong Axis

Cross sectional area (A)	0.072 in ²
Member weight per foot of length	0.244 lb/ft
Moment of inertia (Ix)	0.009 in ⁴
Radius of gyration (Rx)	0.354 in
Gross moment of inertia (Iy)	0.035 in ⁴
Gross radius of gyration (Ry)	0.698 in

Effective Section Properties, Strong Axis

Moment of inertia for deflection (Ix)	0.008 in ⁴
Section modulus (Sx)	0.016 in ³
Allowable bending moment (Ma)	26.61 ft-lb
Allowable shear force (Va)	255 lb

Ordering Information:

Stock Length: 10'-0" & 12'-0" long pieces
 Packaging: (10) pieces per bundle – (440) pieces per pallet
 Packaging weight: 25 lbs./bundle

ASTM & Code Standards:

- AISI North American Specification [NASPEC] S-100-2007 with 2010 Supplement
- 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
- MSDS & Product Certification Information available at www.clarkdietrich.com

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

Spans	Applied Load								
	4 psf			6 psf			13 psf		
	Hat Spacing (in) o.c.			Hat Spacing (in) o.c.			Hat Spacing (in) o.c.		
	12	16	24	12	16	24	12	16	24
Single	4'-5"	4'-0"	3'-6"	3'-10"	3'-6"	3'-1"	3'-0"	2'-9"	2'-5"
Multiple	5'-6"	5'-0"	4'-4"	4'-9"	4'-4"	3'-10"	3'-8"	3'-4"	2'-10"

Sustainability Credits:

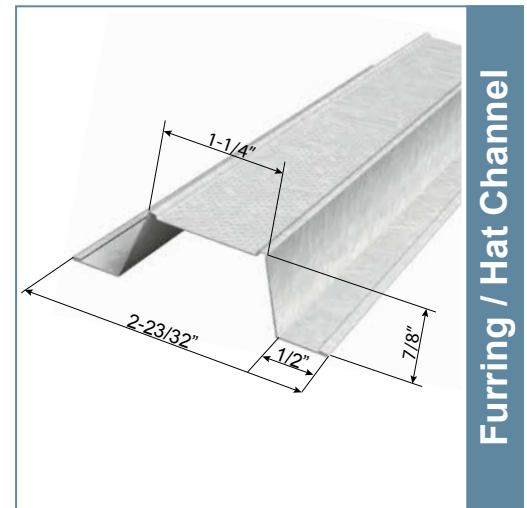
For more details and LEED letters contact Technical Services at 888-437-3244 or visit www.clarkdietrich.com/LEED

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 minimum 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)

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09.22.16 (Non-Structural Metal Framing)



Hemmed legs (as shown) are only available in 25 gauge.

Used in framing applications:

- Furring for walls & ceilings
- Furring out masonry walls
- Framing for drop ceilings assemblies

Project Information

Name:
 Address:

Contractor Information

Name:
 Contact:
 Phone:
 Fax:

Architect Information

Name:
 Contact:
 Phone:
 Fax: