PRODUCT SUBMITTAL SHEET

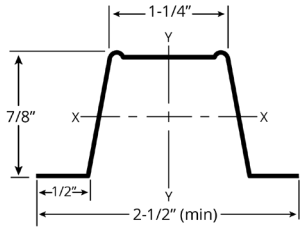
For more information or questions, please contact:
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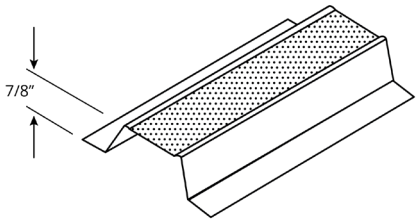
7/8” Furring “Hat” Channel (087F125-18)

18mil (25ga) 33ksi

- **Specification Section:** 09.22.16 (Non-Structural Metal Framing)
- **Coating:** G40 (G60 available)

Product Description: Furring “Hat” Channel is a cold-formed, hat-shaped framing component used to create a uniform substrate for the attachment of gypsum panels, siding, and other finish materials. It is commonly used to furr out walls, ceilings, and soffits, particularly over masonry or uneven surfaces where a true plane is required.





Geometric Properties			
Depth:	0.875 in.	Yield Strengh, Fy	33ksi
Width:	1.250 in.	Design Thickness	0.0188
		Min. Steel Thickness	0.0179

Gross Properties	
Total cross-sectional steel area	0.072 in^2
Linear weight per foot	0.244 lb/ft
Moment of inertia about the x-axis (Ix)	0.009 in^4
Radius of gyration about the x-axis (Rx)	0.354 in
Moment of inertia about the y-axis (Iy)	0.035 in^4
Radius of gyration about the y-axis (Ry)	0.698 in

Effective Properties	
Effective moment of inertia (x-axis) (Ix)	0.008 in
Effective section modulus (x-axis) (Sx)	0.016 in^3
Allowable bending moment-effective section modulus (Ma)	26.61 in-k
Allowable shear force in web (Va)	255 lb

Codes & Standards:

- **Structural Members**
  - ASTM C955
  - AISI S240
  - Installed per ASTM C1007
- **Nonstructural Members**
  - AISI S220
  - ASTM C645
  - ASTM C754
- **Material Standards**
  - ASTM A1003/A1003M
  - ASTM A653/A653M
- **Design Standards**
  - AISI S100-16 (2020) w/S2-20
  - AISI S202
- **Building Codes**
  - International Building Code (IBC) 2006–2024
- **Sustainability & Compliance:**
  - SFIA Quality Certified Manufacturing
  - Industry-Wide EPD Participant
  - HPD Documentation Available Upon Request
  - LEED Documentation Available Upon Request
  - Buy America / Build America (BABA) Documentation Available Upon Request
  - Manufactured in USA

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