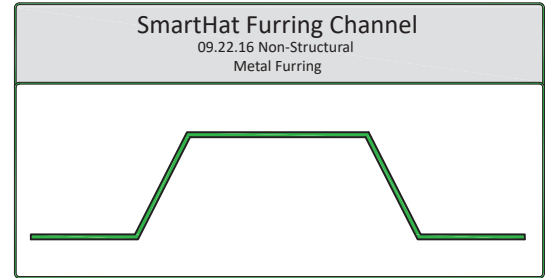


**Product Category:** 150F125-18  
**Product Name:** 1-1/2" 18mil SmartHat Furring Channel

**Physical Properties**

Web Depth (in)	1.500	Yield Stress Fy (KSI)	33
Flange Width (in)	1.250	Mils	18
Coating A1003	G40	Design Thickness (in)	0.0188
G60 Available by Request		Minimum Thickness (in)	0.0179
Weight (lb/ft)	0.320	Gauge	25



**Section Properties**

Cross Sectional Area (A)	0.0940 in <sup>2</sup>
Moment of Inertia (Ix)	0.0310 in <sup>4</sup>
Radius of Gyration (Rx)	0.5750 in
Gross Moment of Inertia (Iy)	0.0467 in <sup>4</sup>

**Effective Section Properties**

Moment of Inertia for Deflection (Ixe)	0.0299 in <sup>4</sup>
Section Modulus (Sx)	0.0344 in <sup>3</sup>
Allowable Bending Moment (Ma)	0.6790 in-k

Hat Furring Allowable Spans L/240										
Product 150F125-18	Span Type	4 psf			6 psf			13 psf		
		Hat Spacing (in)			Hat Spacing (in)			Hat Spacing (in)		
		12	16	24	12	16	24	12	16	24
	Single	7'-11"	7'-2"	6'-3"	6'-11"	6'-3"	5'-6"	5'-4"	4'-10"	4'-2"
	Multiple	9'-9"	8'-10"	7'-6"	8'-6"	7'-6"	6'-0"	5'-8"	4'-9"	3'-8"

Hat Furring Allowable Spans L/360										
Product 150F125-18	Span Type	4 psf			6 psf			13 psf		
		Hat Spacing (in)			Hat Spacing (in)			Hat Spacing (in)		
		12	16	24	12	16	24	12	16	24
	Single	6'-11"	6'-3"	5'-6"	6'-0"	5'-6"	4'-9"	4'-8"	4'-3"	3'-8"
	Multiple	8'-6"	7'-9"	6'-9"	7'-5"	6'-9"	5'-11"	5'-8"	4'-9"	3'-8"

**MANUFACTURING Codes & Standards**

- NASPEC AISI S100-07 IBC 2009 2012 Compliant
- Coated in accordance to ASTM A1003 & A653
- Meets or exceeds ASTM C645 & C745 & AISI S220

**GREEN Benefits & LEED Data:**

- LEED Credit MR 2 - Construction Waste Mgmt - 1-2 Points
- LEED Credit MR 4 - Recycled Credit - 1-2 Points
- LEED Credit MR 5 - Regional Materials - 1-2 Points
- CRACO products are 100% recyclable
- Contact Technical Services for more information