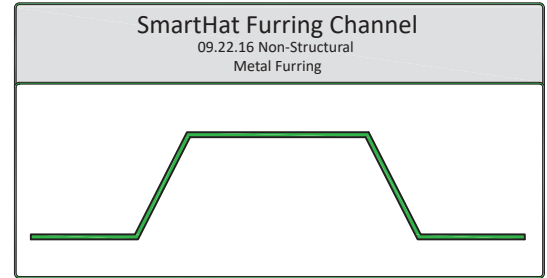


**Product Category:** 150F125-33  
**Product Name:** 1-1/2" 33mil SmartHat Furring Channel



**Physical Properties**

Web Depth (in)	1.500	Yield Stress Fy (KSI)	33
Flange Width (in)	1.250	Mils	33
Coating A1003	CP60	Design Thickness (in)	0.0346
CP90 Available by Request		Minimum Thickness (in)	0.0329
Weight (lb/ft)	0.581	Gauge	20

**Section Properties**

Cross Sectional Area (A)	0.1710 in <sup>2</sup>
Moment of Inertia (Ix)	0.0550 in <sup>4</sup>
Radius of Gyration (Rx)	0.0570 in
Gross Moment of Inertia (Iy)	0.0848 in <sup>4</sup>

**Effective Section Properties**

Moment of Inertia for Deflection (Ixe)	0.0554 in <sup>4</sup>
Section Modulus (Sxe)	0.0704 in <sup>3</sup>
Allowable Bending Moment (Ma)	1.3910 in-k

Hat Furring Allowable Spans L/240										
Product 150F125-33	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	9'-8"	8'-10"	7'-8"	8'-6"	7'-8"	6'-9"	6'-6"	5'-11"	5'-2"
	Multiple	12'-0"	10'-11"	9'-6"	10'-6"	9'-6"	8'-4"	8'-1"	7'-4"	6'-0"

Hat Furring Allowable Spans L/360										
Product 150F125-33	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	8'-6"	7'-8"	6'-9"	7'-5"	6'-9"	5'-10"	5'-9"	5'-2"	4'-6"
	Multiple	10'-6"	9'-6"	8'-4"	9'-2"	8'-4"	7'-3"	7'-1"	6'-5"	5'-7"

**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