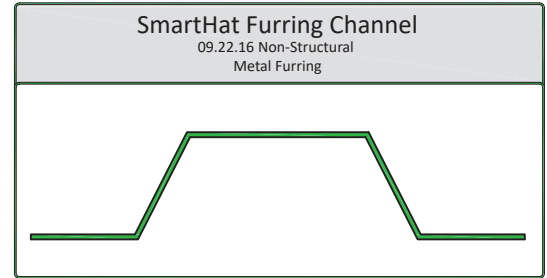


Product Category: 087F125-33
Product Name: 7/8" 33mil SmartHat Furring Channel



Physical Properties

Web Depth (in)	0.875	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)	0.432	Gauge	20

Section Properties

Cross Sectional Area (A)	0.1270 in ²
Moment of Inertia (Ix)	0.0160 in ⁴
Radius of Gyration (Rx)	0.3510 in
Gross Moment of Inertia (Iy)	0.0641 in ⁴

Effective Section Properties

Moment of Inertia for Deflection (Ixe)	0.0157 in ⁴
Section Modulus (Sxe)	0.0337 in ³
Allowable Bending Moment (Ma)	0.6650 in-k

Hat Furring Allowable Spans L/240										
Product 087F125-30	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'-2"	5'-7"	4'-11"	5'-5"	4'-11"	4'-3"	4'-2"	3'-9"	3'-4"
	Multiple	7'-7"	6'-11"	6'-1"	6'-8"	6'-1"	5'-3"	5'-2"	4'-8"	3'-11"

Hat Furring Allowable Spans L/360										
Product 087F125-30	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	5'-5"	4'-11"	4'-3"	4'-8"	4'-3"	3'-9"	3'-8"	3'-4"	2'-11"
	Multiple	6'-8"	6'-1"	5'-3"	5'-10"	5'-3"	4'-7"	4'-6"	4'-1"	3'-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