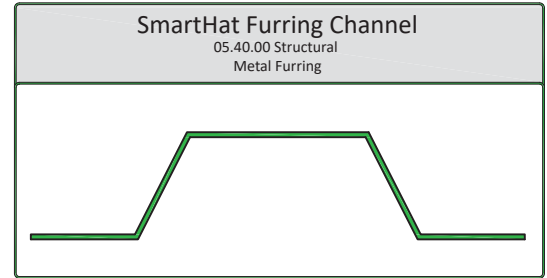


Product Category: 150F125-54
Product Name: 1-1/2" 54mil SmartHat Furring Channel

Physical Properties

Web Depth (in)	1.500	Yield Stress Fy (KSI)	33
Flange Width (in)	1.250	Mils	54
Coating A1003	CP60	Design Thickness (in)	0.0566
CP90 Available by Request		Minimum Thickness (in)	0.0538
Weight (lb/ft)	0.946	Gauge	16



Section Properties

Cross Sectional Area (A)	0.2780 in ²
Moment of Inertia (Ix)	0.0870 in ⁴
Radius of Gyration (Rx)	0.5580 in
Gross Moment of Inertia (Iy)	0.1450 in ⁴

Effective Section Properties

Moment of Inertia for Deflection (Ixe)	0.0870 in ⁴
Section Modulus (Sxe)	0.1220 in ³
Allowable Bending Moment (Ma)	2.7550 in-k

U-Channel Allowable Spans L/360										
Product 150F125-54	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'-10"	8'-11"	7'-9"	8'-7"	7'-9"	6'-10"	6'-8"	6'-0"	5'-3"
	Multiple	12'-2"	11'-0"	9'-8"	10'-7"	9'-8"	8'-5"	8'-2"	7'-5"	6'-6"

MANUFACTURING Codes & Standards

- NASPEC AISI S100-07 IBC 2009 2012 Compliant
- Coated in accordance to ASTM A1003 & A653
- Meets or exceeds ASTM C955 & AISI S200

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