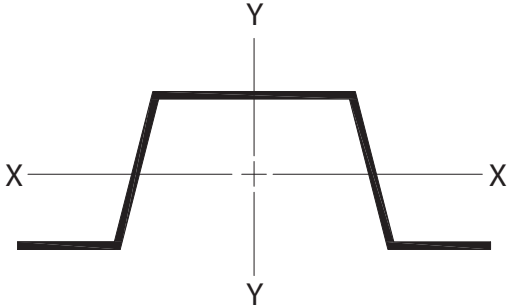


**SMARTFRAME<sup>®</sup>**  
**FRAMING ACCESORIES**  
**PRODUCT CATALOG**

## Furring Channel (F-Sections)

Furring Channel Section Properties											
Furring Member	Design Thickness (in)	Mils	Gross Properties					Effective Properties 33ksi			
			Area (in <sup>2</sup> )	Weight (lbs/ft)	I <sub>x</sub> (in <sup>4</sup> )	R <sub>x</sub> (in)	I <sub>y</sub> (in <sup>4</sup> )	R <sub>y</sub> (in)	I <sub>x</sub> (in <sup>4</sup> )	S <sub>x</sub> (in <sup>3</sup> )	Ma (in-k)
087F125-15	0.0157	15	0.059	0.200	0.008	0.358	0.030	0.704	0.007	0.012	0.305
087F125-18	0.0188	18	0.070	0.239	0.009	0.356	0.035	0.710	0.009	0.016	0.317
087F125-23	0.0245	23	0.091	0.309	0.011	0.355	0.046	0.710	0.011	0.022	0.549
087F125-27	0.0283	27	0.105	0.356	0.013	0.353	0.053	0.710	0.013	0.027	0.537
087F125-30	0.0312	30	0.115	0.391	0.014	0.353	0.058	0.710	0.014	0.031	0.606
087F125-33	0.0346	33	0.127	0.432	0.016	0.351	0.064	0.710	0.016	0.034	0.665
087F125-43	0.0451	43	0.162	0.550	0.020	0.348	0.082	0.711	0.020	0.042	0.830
150F125-15	0.0157	15	0.079	0.267	0.026	0.576	0.039	0.700	0.024	0.026	0.658
150F125-18	0.0188	18	0.094	0.320	0.031	0.575	0.047	0.705	0.030	0.034	0.679
150F125-23	0.0245	23	0.122	0.414	0.040	0.573	0.061	0.705	0.040	0.046	1.147
150F125-27	0.0283	27	0.140	0.477	0.046	0.572	0.070	0.705	0.046	0.057	1.125
150F125-30	0.0312	30	0.154	0.525	0.050	0.571	0.077	0.705	0.050	0.064	1.263
150F125-33	0.0346	33	0.171	0.581	0.055	0.570	0.085	0.705	0.055	0.070	1.391
150F125-43	0.0451	43	0.219	0.745	0.070	0.565	0.109	0.705	0.070	0.089	1.755



**Table Notes:**

1. If present, hems and offsets in flanges are ignored.
2. Effective properties are given as the minimum value for positive or negative bending.

Furring Channel Allowable Ceiling Spans (F-Sections) - L/240											
Stud Member	F <sub>y</sub> (ksi)	Design Thickness (in)	4 psf			6 psf			13 psf *		
			Spacing (in) on center			Spacing (in) on center			Spacing (in) on center		
			12	16	24	12	16	24	12	16	24
087F125-15	50	Single	4'-10"	4'-5"	3'-10"	4'-2"	3'-10"	3'-4"	3'-3"	2'-11"	2'-7"
		Multiple	5'-11"	5'-5"	4'-9"	5'-2"	4'-9"	4'-2"	4'-0"	3'-8"	3'-1"
087F125-18	33	Single	5'-2"	4'-9"	4'-1"	4'-6"	4'-1"	3'-7"	3'-2"	2'-9"	
		Multiple	6'-5"	5'-10"	4'-1"	5'-7"	5'-1"	4'-2"	4'-0"	3'-6"	2'-10"
087F125-23	50	Single	5'-9"	5'-2"	4'-7"	5'-0"	4'-7"	4'-0"	3'-10"	3'-6"	3'-1"
		Multiple	7'-1"	6'-5"	5'-7"	6'-2"	5'-7"	4'-11"	4'-9"	4'-4"	3'-10"
087F125-27	33	Single	6'-0"	5'-5"	4'-9"	5'-3"	4'-9"	4'-2"	4'-0"	3'-8"	3'-2"
		Multiple	7'-5"	6'-9"	5'-10"	6'-6"	5'-10"	5'-2"	5'-0"	4'-6"	3'-8"
087F125-30	33	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"
087F125-33	33	Single	6'-4"	5'-9"	5'-1"	5'-7"	5'-1"	4'-5"	4'-4"	3'-11"	3'-5"
		Multiple	7'-10"	7'-2"	6'-3"	6'-10"	6'-3"	5'-5"	5'-4"	4'-10"	4'-1"
087F125-43	33	Single	6'-10"	6'-3"	5'-5"	6'-0"	5'-5"	4'-9"	4'-7"	4'-2"	3'-8"
		Multiple	8'-6"	7'-8"	6'-9"	7'-5"	6'-9"	5'-10"	5'-9"	5'-2"	4'-6"
150F125-15	50	Single	7'-4"	6'-8"	5'-10"	6'-5"	5'-10"	5'-1"	4'-11"	4'-6"	3'-11"
		Multiple	9'-1"	8'-3"	7'-2"	7'-11"	7'-2"	6'-3"	6'-1"	5'-1"	3'-11"
150F125-18	33	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"
150F125-23	50	Single	8'-8"	7'-11"	6'-11"	7'-7"	6'-11"	6'-0"	5'-10"	5'-4"	4'-8"
		Multiple	10'-9"	9'-9"	8'-6"	9'-5"	8'-6"	7'-5"	7'-3"	6'-7"	5'-9"
150F125-27	33	Single	9'-1"	8'-3"	7'-3"	7'-11"	7'-3"	6'-4"	6'-2"	5'-7"	4'-10"
		Multiple	11'-3"	10'-3"	8'-11"	9'-10"	8'-11"	7'-10"	7'-7"	6'-7"	5'-4"
150F125-30	33	Single	9'-5"	8'-6"	7'-5"	8'-2"	7'-5"	6'-6"	6'-4"	5'-9"	5'-0"
		Multiple	11'-7"	10'-6"	9'-2"	10'-2"	9'-2"	8'-0"	7'-10"	7'-0"	5'-8"
150F125-33	33	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"
150F125-43	33	Single	10'-6"	9'-6"	8'-4"	9'-2"	8'-4"	7'-3"	7'-1"	6'-5"	5'-7"
		Multiple	13'-0"	11'-9"	10'-3"	11'-4"	10'-3"	9'-0"	8'-9"	8'-0"	6'-8"

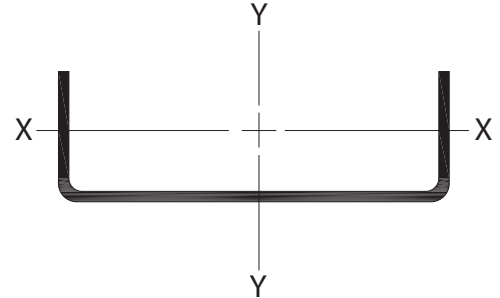
Furring Channel Allowable Ceiling Spans (F-Sections) - L/360											
Stud Member	Fy (ksi)	Design Thickness (in)	4 psf			6 psf			13 psf *		
			Spacing (in) on center			Spacing (in) on center			Spacing (in) on center		
			12	16	24	12	16	24	12	16	24
087F125-15	50	Single	4'-2"	3'-10"	3'-4"	3'-8"	3'-4"	2'-11"	2'-10"	2'-7"	2'-3"
		Multiple	5'-2"	4'-9"	4'-2"	4'-7"	4'-2"	3'-7"	3'-6"	3'-2"	2'-9"
087F125-18	33	Single	4'-6"	4'-1"	3'-7"	4'-0"	3'-7"	3'-2"	3'-1"	2'-9"	2'-5"
		Multiple	5'-7"	5'-1"	4'-5"	4'-11"	4'-5"	3'-11"	3'-9"	3'-5"	2'-10"
087F125-23	50	Single	5'-0"	4'-7"	4'-0"	4'-4"	4'-0"	3'-6"	3'-5"	3'-1"	2'-8"
		Multiple	6'-2"	5'-7"	4'-11"	5'-5"	4'-11"	4'-3"	4'-2"	3'-10"	3'-4"
087F125-27	33	Single	5'-3"	4'-9"	4'-2"	4'-7"	4'-2"	3'-7"	3'-6"	3'-2"	2'-10"
		Multiple	6'-6"	5'-10"	5'-2"	5'-8"	5'-2"	4'-6"	4'-4"	4'-0"	3'-6"
087F125-30	33	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"
087F125-33	33	Single	5'-7"	5'-1"	4'-5"	4'-10"	4'-5"	3'-10"	3'-9"	3'-5"	3'-0"
		Multiple	6'-10"	6'-3"	5'-5"	6'-0"	5'-5"	4'-9"	4'-8"	4'-3"	3'-8"
087F125-43	33	Single	6'-0"	5'-5"	4'-9"	5'-3"	4'-9"	4'-2"	4'-0"	3'-8"	3'-2"
		Multiple	7'-5"	6'-9"	5'-10"	6'-6"	5'-10"	5'-2"	5'-0"	4'-6"	4'-0"
150F125-15	50	Single	6'-5"	5'-10"	5'-1"	5'-7"	5'-1"	4'-5"	4'-4"	3'-11"	3'-5"
		Multiple	7'-11"	7'-2"	6'-3"	6'-11"	6'-3"	5'-6"	5'-4"	4'-10"	3'-11"
150F125-18	33	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"
150F125-23	50	Single	7'-7"	6'-11"	6'-0"	6'-8"	6'-0"	5'-3"	5'-1"	4'-8"	4'-1"
		Multiple	9'-5"	8'-6"	7'-5"	8'-2"	7'-5"	6'-6"	6'-4"	5'-9"	5'-0"
150F125-27	33	Single	7'-11"	7'-3"	6'-4"	6'-11"	6'-4"	5'-6"	5'-4"	4'-10"	4'-3"
		Multiple	9'-10"	8'-11"	7'-10"	8'-7"	7'-10"	6'-10"	6'-8"	6'-0"	5'-3"
150F125-30	33	Single	8'-2"	7'-5"	6'-6"	7'-2"	6'-6"	5'-8"	5'-6"	5'-0"	4'-5"
		Multiple	10'-2"	9'-2"	8'-0"	8'-10"	8'-0"	7'-0"	6'-10"	6'-3"	5'-5"
150F125-33	33	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"
150F125-43	33	Single	9'-2"	8'-4"	7'-3"	8'-0"	7'-3"	6'-4"	6'-2"	5'-7"	4'-11"
		Multiple	11'-4"	10'-3"	9'-0"	9'-11"	9'-0"	7'-10"	7'-8"	6'-11"	6'-1"

**Table Notes:**

1. Single spans are the minimum span based on moment, shear, web crippling, or deflection.
2. Multiple spans indicate two or more equal and continuous spans with span length measured support to support.
3. Web crippling check is based on 1" of bearing at end and interior supports.
4. Multiple spans are the minimum span based on moment, shear, web crippling, deflection, combined bending and shear, or combined bending and web crippling.
5. \*Loads that exceed 10psf limit require an approved CP60 coating.
6. Notes are for both L/240 and L/360 tables.

# U Channels (U-Sections)

U Channel Section Properties												
U Member	Design Thickness (in)	Mils	Gross Properties					Effective Properties 33ksi				
			Area (in <sup>2</sup> )	Weight (lbs/ft)	I <sub>x</sub> (in <sup>4</sup> )	R <sub>x</sub> (in)	I <sub>y</sub> (in <sup>4</sup> )	R <sub>y</sub> (in)	I <sub>x</sub> (in <sup>4</sup> )	S <sub>x</sub> (in <sup>3</sup> )	Ma (in-k)	Va (lb)
75U050-54	0.0566	54	0.087	0.30	0.007	0.288	0.002	0.155	0.007	0.019	0.45	315
150U050-54	0.0566	54	0.129	0.44	0.039	0.547	0.003	0.144	0.039	0.052	1.22	840
200U050-54	0.0566	54	0.157	0.54	0.079	0.709	0.003	0.136	0.079	0.079	1.87	1190
250U050-54	0.0566	54	0.186	0.63	0.139	0.866	0.003	0.128	0.139	0.111	2.64	1540



**Table Notes:**

1. Inside bend radius taken as 3/32"

## U Channel Allowable Ceiling Spans (U-Sections) - L/240

Stud Member	F <sub>y</sub> (ksi)	Design Thickness (in)	4 psf					6 psf					13 psf *					15 psf *				
			Channel Spacing (in) on center					Channel Spacing (in) on center					Channel Spacing (in) on center					Channel Spacing (in) on center				
			24	36	48	60	72	24	36	48	60	72	24	36	48	60	72	24	36	48	60	72
75U050-54	33	Single	3'-11"	3'-5"	3'-1"	2'-10"	2'-8"	3'-5"	3'-0"	2'-8"	2'-6"	2'-4"	2'-7"	2'-4"	2'-1"	1'-11"	1'-9"	2'-6"	2'-2"	2'-0"	1'-10"	1'-8"
		Multiple	4'-10"	4'-2"	3'-10"	3'-7"	3'-4"	4'-2"	3'-8"	3'-4"	3'-1"	2'-10"	3'-3"	2'-9"	2'-4"	2'-1"	1'-11"	3'-1"	2'-7"	2'-0"	2'-0"	1'-9"
150U050-54	33	Single	5'-6"	4'-10"	4'-5"	4'-1"	3'-10"	4'-10"	4'-3"	3'-10"	3'-7"	3'-5"	3'-9"	3'-3"	3'-0"	2'-9"	2'-7"	3'-7"	3'-2"	2'-10"	2'-7"	2'-5"
		Multiple	7'-1"	6'-2"	5'-8"	5'-3"	4'-11"	6'-2"	5'-5"	4'-11"	4'-7"	4'-4"	4'-10"	4'-2"	3'-9"	3'-4"	3'-0"	4'-7"	4'-0"	3'-6"	3'-1"	2'-9"
200U050-54	33	Single	5'-10"	5'-1"	4'-8"	4'-4"	4'-1"	5'-1"	4'-6"	4'-1"	3'-10"	3'-7"	4'-0"	3'-6"	3'-2"	3'-0"	2'-10"	3'-10"	3'-4"	3'-1"	2'-10"	2'-8"
		Multiple	7'-5"	6'-6"	5'-11"	5'-6"	5'-2"	6'-6"	5'-8"	5'-2"	4'-10"	4'-7"	5'-1"	4'-5"	4'-0"	3'-9"	3'-6"	4'-10"	4'-3"	3'-10"	3'-7"	3'-2"
250U050-54	33	Single	6'-1"	5'-4"	4'-10"	4'-6"	4'-3"	5'-4"	4'-8"	4'-3"	4'-0"	3'-9"	4'-2"	3'-8"	3'-4"	3'-1"	2'-11"	4'-0"	3'-6"	3'-2"	3'-0"	2'-10"
		Multiple	7'-9"	6'-9"	6'-2"	5'-9"	5'-5"	6'-9"	5'-11"	5'-5"	5'-0"	4'-9"	5'-3"	4'-7"	4'-3"	3'-11"	3'-9"	5'-0"	4'-5"	4'-0"	3'-9"	3'-7"

## U Channel Allowable Ceiling Spans (U-Sections) - L/360

Stud Member	F <sub>y</sub> (ksi)	Design Thickness (in)	4 psf					6 psf					13 psf *					15 psf *				
			Channel Spacing (in) on center					Channel Spacing (in) on center					Channel Spacing (in) on center					Channel Spacing (in) on center				
			24	36	48	60	72	24	36	48	60	72	24	36	48	60	72	24	36	48	60	72
75U050-54	33	Single	3'-5"	3'-0"	2'-8"	2'-6"	2'-4"	3'-0"	2'-7"	2'-4"	2'-2"	2'-1"	2'-4"	2'-0"	1'-10"	1'-8"	1'-7"	2'-2"	1'-11"	1'-9"	1'-7"	1'-6"
		Multiple	4'-2"	3'-8"	3'-4"	3'-1"	2'-11"	3'-8"	3'-2"	2'-11"	2'-8"	2'-7"	2'-10"	2'-6"	2'-3"	2'-1"	1'-11"	2'-8"	2'-4"	2'-2"	2'-0"	1'-9"
150U050-54	33	Single	5'-6"	4'-10"	4'-5"	4'-1"	3'-10"	4'-10"	4'-3"	3'-10"	3'-7"	3'-5"	3'-9"	3'-3"	3'-0"	2'-9"	2'-7"	3'-7"	3'-2"	2'-10"	2'-7"	2'-5"
		Multiple	7'-1"	6'-2"	5'-8"	5'-3"	4'-11"	6'-2"	5'-5"	4'-11"	4'-7"	4'-4"	4'-10"	4'-2"	3'-9"	3'-4"	3'-0"	4'-7"	4'-0"	3'-6"	3'-1"	2'-9"
200U050-54	33	Single	5'-10"	5'-1"	4'-8"	4'-4"	4'-1"	5'-1"	4'-6"	4'-1"	3'-10"	3'-7"	4'-0"	3'-6"	3'-2"	3'-0"	2'-10"	3'-10"	3'-4"	3'-1"	2'-10"	2'-8"
		Multiple	7'-5"	6'-6"	5'-11"	5'-6"	5'-2"	6'-6"	5'-8"	5'-2"	4'-10"	4'-7"	5'-1"	4'-5"	4'-0"	3'-9"	3'-6"	4'-10"	4'-3"	3'-10"	3'-7"	3'-2"
250U050-54	33	Single	6'-1"	5'-4"	4'-10"	4'-6"	4'-3"	5'-4"	4'-8"	4'-3"	4'-0"	3'-9"	4'-2"	3'-8"	3'-4"	3'-1"	2'-11"	4'-0"	3'-6"	3'-2"	3'-0"	2'-10"
		Multiple	7'-9"	6'-9"	6'-2"	5'-9"	5'-5"	6'-9"	5'-11"	5'-5"	5'-0"	4'-9"	5'-3"	4'-7"	4'-3"	3'-11"	3'-9"	5'-0"	4'-5"	4'-0"	3'-9"	3'-7"

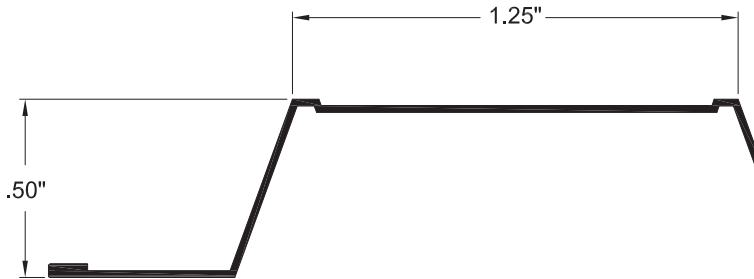
**Table Notes:**

- Multiple span indicate two or more equal spans with channel continuous over interior supports.
- Listed spans are based on unbraced compression flanges.
- Web crippling check is based on 3/4" bearing at end and interior supports. No bearing stiffeners required.
- \*Loads that exceed 10psf limit require an approved CP60 coating.

Resilient Channels (RC-1, RC-XL, RC-2)

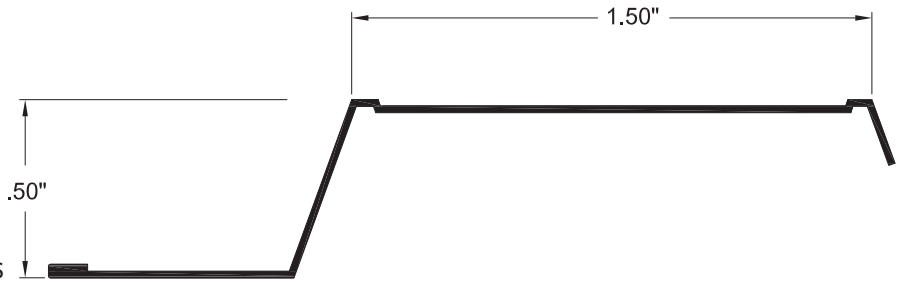
RC-1

Product #SFRC1-25G  
 Product #SFRC1-20G  
 RC-1 is an economical solution for reducing sound transmission.  
 Available in 25 & 20 Gauge



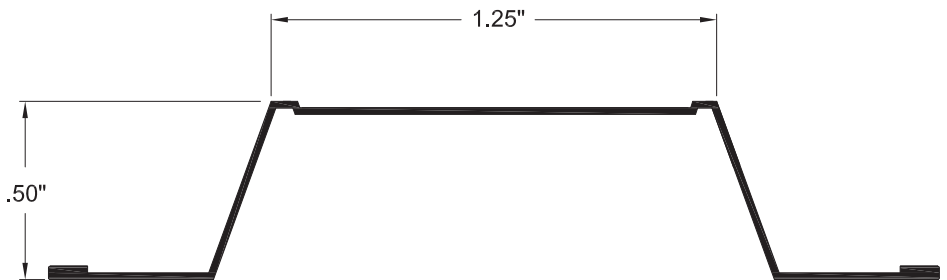
RC-XL

Product #SFRC-XL  
 RC-XL features a wider top flange and heavier mil thickness.  
 0.0220 Design Thickness / 0.0205" Min. Thickness



RC-2

Product #SFRC2-25G  
 Product #SFRC2-20G  
 RC-2 is an economical solution for reducing sound transmission.  
 Available in 25 & 20 Gauge



Notes:

1. Resilient Channels are used over wood or steel framing for walls and ceilings.
2. RC-1 profiles offer reduced contact with framing members to reduce sound transmission.
3. Resilient Channel is produced to meet or exceed ASTM C645.
4. Galvanized sheet steel meets or exceeds requirements of ASTM A1003.
5. For installation and storage information refer to ASTM C754.
6. Refer to UL.com or the Gypsum Association Fire and Sound Design Manual for STC Rating requirements.

## Accessories

### Long Angle

Available sizes:	
Leg Sizes:	1", 1.5", 2", 3", 4", 5", 6" (any requested)
Mil Thickness:	15, 18, 19, 23, 30, 33, 43, 54, 68, 97
Coatings:	G40, CP60, CP90
Yield Stress:	33ksi, 50ksi
Lengths:	10'-0" Standard, (any requested)



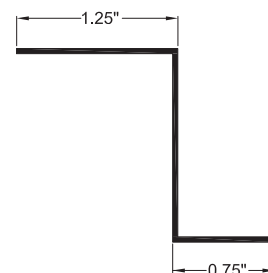
### Flat Strap

Available sizes:	
Width Sizes:	1", 1.5", 2", 3", 4", 5", 6" (any requested)
Mil Thickness:	15, 18, 19, 23, 30, 33, 43, 54, 68, 97
Coatings:	G40, CP60, CP90
Yield Stress:	33ksi, 50ksi
Lengths:	10'-0" Standard, (any requested)



### Z-Furring

Available sizes:	
Web Sizes:	1", 1.5", 2", 3", 4", 5", 6" (any requested)
Mil Thickness:	15, 18, 19, 23, 30, 33, 43, 54, 68, 97
Coatings:	G40, CP60, CP90
Yield Stress:	33ksi, 50ksi
Lengths:	10'-0" Standard, (any requested)



### Table Notes:

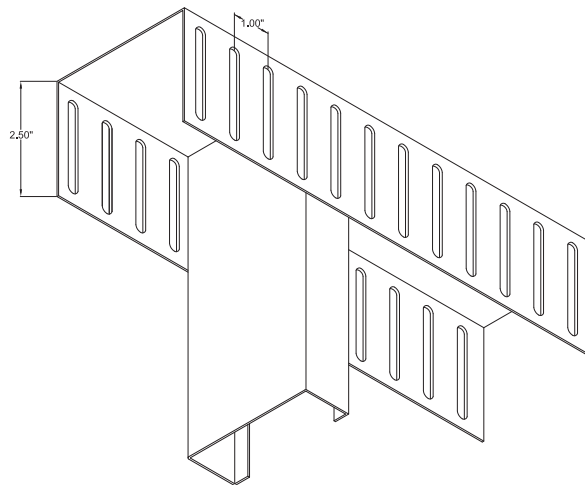
1. Long Angle, Flat Strap and Z-Furring have many uses in wood or steel framing projects.
2. Galvanized sheet steel meets or exceeds requirements of ASTM A1003.
3. Refer to CRACO's SmartSpec for additional information for these products.

Slotted Slip Track

Slotted Slip Track									
Gauge	Mils	Design Thickness (in)	Web Hgt. (in.)	Pieces Per Skid	Gauge	Mils	Design Thickness (in)	Web Hgt. (in.)	Pieces Per Skid
20	33	0.0346	2.500	100	18	43	0.451	2.500	100
			3.625					3.625	
			4.000					4.000	
			6.000					6.000	
			8.000					8.000	
P = 166 lbs.					P = 196 lbs.				
Gauge	Mils	Design Thickness (in)	Web Hgt. (in.)	Pieces Per Skid	Gauge	Mils	Design Thickness (in)	Web Hgt. (in.)	Pieces Per Skid
20	33	0.0346	2.500	100	18	43	0.451	2.500	100
			3.625					3.625	
			4.000					4.000	
			6.000					6.000	
			8.000					8.000	
			10.000					10.000	
P = 314 lbs.					P = 314 lbs.				

Notes:

1. Slotted Slotted Track is manufactured by Metal-Lite
2. Slotted Slip Track is a UL listed head of wall system.
3. Available in 10'-0" standard stock length.



## Code Compliance & Performance Standards

SmartFrame Building Products are manufactured in accordance with the International Building Code, AISI & ASTM Standards.

C645	Standard Specification for nonstructural steel framing members.
C955	Standard Specification for Load Bearing Steel Studs, Tracks, Bracing or Bridging for screw application of Gyp. Products.
A653	Standard Specification for Steel Sheet, Zinc Coated (Galvanized) or Zinc-Iron Alloy Coated (Galvanealed) by the Hot-Dip process.
A792	Standard Specification for Steel Sheet, Aluminum-Zinc Alloy Coated (Galvalume) by the Hot-Dip process.
C754	Standard Specification for installation of Steel Framing Members to receive screw attached gypsum panel products.
C1002	Standard Specification for Steel self piercing tapping screw for the application of Gypsum Panel Products or Metal Plaster bases to Wood studs or steel studs.
A1003	Standard for Steel Sheet, Carbon, Metallic and Non-Metallic coated for Cold Formed Steel Framing Members.
S200	North American Standard for Cold Formed Steel Framing - General Provisions
S220	North American Standard for Cold Formed Steel Framing - NonStructural Members.

## LEED & Recycling Content

SmartFrame Building Products are manufactured from cold formed steel which is 100% recyclable and can contribute to LEED Credits.

### LEED Credit MR2 Construction Waste Management

CRACO products can contribute to LEED Credit MR2 if the construction waster on the project is properly diverted from the waste system.

### LEED Credit MR4 Recycled Content

CRACO produces steel framing products and accessories from steel coil with a minimum recycled content of 34.9%, which 24.3% is post consumer and 9.4% is pre-consumer. These minimum values are based on resources from the Steel Recycling Institute. If mill Certificates are required for your project please make this request at time of order.

### LEED Credit MR5 Regional Materials

The point of extraction of raw materials for the recycled content portion of CRACO steel used for this project along with the Manufacturing of finished products can fall within a 500 mile radius of the job site.

## SmartSpec Submittal Builder

SmartSpec Submittal Builder allows users to quickly chose the product specifications needed for their projects. Simply pick your products and download for immediate access.

## SmartTech Services

For assistance with any CRACO products just call or email us for help. Call 803-389-4425 or 770-460-3443  
Email us at [technical@cracometal s.com](mailto:technical@cracometal s.com)

## Warranty & Limitations

CRACO Mfg., Inc. Reserves the right to modify or change any information contained in literature and website without notification. CRACO intends all information to be accurate, informative and helpful as a selection guide for choosing CRACO products. This information is only to be considered for guidance and is not intended to replace complete and accurate product selection, design drawings, specifications and decisions by a professional architect or engineer. CRACO or its affiliates is not responsible for incidental or consequential damages directly or indirectly sustained, or for loss caused by application of CRACO products for other than intended use. Our liability is limited to replacement of defective products. Claims for defective products shall be deemed waived unless they are made in writing with 10 days of acceptance of delivery. The content of this literature is effective January 2016 and supersedes all other published and previous data.







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