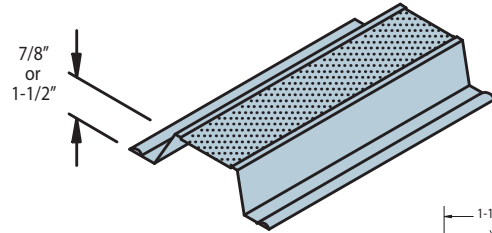


PRODUCT NAME: 7/8" & 1-1/2" FURRING CHANNEL & CLIP

USE: As furring over masonry walls and hot rolled steel shapes. Cross furring for gypsum wallboard and plaster soffits and ceilings.

AVAILABLE GAUGES: 25, 20 & 18
AVAILABLE COATINGS: G40, G60 or G90



CODES & STANDARDS: ASTM C645, ASTM C955, ASTM A1003

PHYSICAL PROPERTIES

MODEL NO.	SSMA	F _y (ksi)	DESIGN THICKNESS (in)	GROSS PROPERTIES					EFFECTIVE PROPERTIES ^{3,4}			
				GROSS AREA (in ²)	WEIGHT (lb/ft)	I _x (in ⁴)	R _x (in)	I _y (in ⁴)	R _y (in)	I _x (in ⁴)	S _x (in ³)	Ma (ft-lb)
7/8DWF25	087F125-18	33	0.0188	0.070	0.239	0.009	0.356	0.0354	0.710	0.0086	0.0160	26.41
7/8DWF21	087F125-30	33	0.0312	0.115	0.391	0.014	0.353	0.0580	0.710	0.0143	0.0307	50.47
7/8DWF20	087F125-33	33	0.0346	0.127	0.432	0.016	0.351	0.0641	0.710	0.0157	0.0337	55.43
7/8DWF18	087F125-43	33	0.0451	0.162	0.550	0.020	0.348	0.0817	0.711	0.0196	0.0420	69.17
112DWF25	150F125-18	33	0.0188	0.094	0.320	0.031	0.575	0.0467	0.705	0.0299	0.0344	56.59
112DWF21	150F125-30	33	0.0312	0.154	0.525	0.050	0.571	0.0767	0.705	0.0503	0.0639	105.25
112DWF20	150F125-33	33	0.0346	0.171	0.581	0.055	0.570	0.0848	0.705	0.0554	0.0704	115.92
112DWF18	150F125-43	33	0.0451	0.219	0.745	0.070	0.565	0.1087	0.705	0.0699	0.0888	146.25

Notes:

1. Minimum bare metal thickness is 95% of design thickness.
2. Moment of inertia given is for deflection calculations.
3. Effective properties are given as the minimum value for either positive or negative bending.
4. Effective properties based on F_y=33ksi.

ALLOWABLE CEILING SPANS

MODEL NO.	SSMA	SPANS	L/240									L/360								
			4 PSF			6 PSF			13 PSF*			4 PSF			6 PSF			13 PSF*		
			Hat Spacing (in.) O.C.									Hat Spacing (in.) O.C.								
			12	16	24	12	16	24	12	16	24	12	16	24	12	16	24	12	16	24
7/8DWF25	087F125-18	Single	5'-2"	4'-9"	4'-1"	4'-6"	4'-1"	3'-7"	3'-6"	3'-2"	2'-9"	4'-6"	4'-1"	3'-7"	4'-0"	3'-7"	3'-2"	3'-1"	2'-9"	2'-5"
		Multiple	6'-5"	5'-10"	5'-1"	5'-7"	5'-1"	4'-2"	4'-0"	3'-6"	2'-10"	5'-7"	5'-1"	4'-5"	4'-11"	4'-5"	3'-11"	3'-9"	3'-5"	2'-10"
7/8DWF20	087F125-30	Single	6'-2"	5'-7"	4'-11"	5'-5"	4'-11"	4'-3"	4'-2"	3'-9"	3'-4"	5'-5"	4'-11"	4'-3"	4'-8"	4'-3"	3'-9"	3'-8"	3'-4"	2'-11"
		Multiple	7'-7"	6'-11"	6'-1"	6'-8"	6'-1"	5'-3"	5'-2"	4'-8"	3'-11"	6'-8"	6'-1"	5'-3"	5'-10"	5'-3"	4'-7"	4'-6"	4'-1"	3'-7"
7/8DWF20	087F125-33	Single	6'-4"	5'-9"	5'-1"	5'-7"	5'-1"	4'-5"	4'-4"	3'-11"	3'-5"	5'-7"	5'-1"	4'-5"	4'-10"	4'-5"	3'-10"	3'-9"	3'-5"	3'-0"
		Multiple	7'-10"	7'-2"	6'-3"	6'-10"	6'-3"	5'-5"	5'-4"	4'-10"	4'-1"	6'-10"	6'-3"	5'-5"	6'-0"	5'-5"	4'-9"	4'-8"	4'-3"	3'-8"
7/8DWF18	087F125-43	Single	6'-10"	6'-3"	5'-5"	6'-0"	5'-5"	4'-9"	4'-7"	4'-2"	3'-8"	6'-0"	5'-5"	4'-9"	5'-3"	4'-9"	4'-2"	4'-0"	3'-8"	3'-2"
		Multiple	8'-6"	7'-8"	6'-9"	7'-5"	6'-9"	5'-10"	5'-9"	5'-2"	4'-6"	7'-5"	6'-9"	5'-10"	6'-6"	5'-10"	5'-2"	5'-0"	4'-6"	4'-0"
112DWF25	150F125-18	Single	7'-11"	7'-2"	6'-3"	6'-11"	6'-3"	5'-6"	5'-4"	4'-10"	4'-2"	6'-11"	6'-3"	5'-6"	6'-0"	5'-6"	4'-9"	4'-8"	4'-3"	3'-8"
		Multiple	9'-9"	8'-10"	7'-6"	8'-6"	7'-6"	6'-0"	5'-8"	4'-9"	3'-8"	8'-6"	7'-9"	6'-9"	7'-5"	6'-9"	5'-11"	5'-8"	4'-9"	3'-8"
112DWF20	150F125-30	Single	9'-5"	8'-6"	7'-5"	8'-2"	7'-5"	6'-6"	6'-4"	5'-9"	5'-0"	8'-2"	7'-5"	6'-6"	7'-2"	6'-6"	5'-8"	5'-6"	5'-0"	4'-5"
		Multiple	11'-7"	10'-6"	9'-2"	10'-2"	9'-2"	8'-0"	7'-10"	6'-12"	5'-8"	10'-2"	9'-2"	8'-0"	8'-10"	8'-0"	7'-0"	6'-10"	6'-3"	5'-5"
112DWF20	150F125-33	Single	9'-8"	8'-10"	7'-8"	8'-6"	7'-8"	6'-9"	6'-6"	5'-11"	5'-2"	8'-6"	7'-8"	6'-9"	7'-5"	6'-9"	5'-10"	5'-9"	5'-2"	4'-6"
		Multiple	12'-0"	10'-11"	9'-6"	10'-6"	9'-6"	8'-4"	8'-1"	7'-4"	5'-12"	10'-6"	9'-6"	8'-4"	9'-2"	8'-4"	7'-3"	7'-1"	6'-5"	5'-7"
112DWF18	150F125-43	Single	10'-6"	9'-6"	8'-4"	9'-2"	8'-4"	7'-3"	7'-1"	6'-5"	5'-7"	9'-2"	8'-4"	7'-3"	8'-0"	7'-3"	6'-4"	6'-2"	5'-7"	4'-11"
		Multiple	13'-0"	11'-9"	10'-3"	11'-4"	10'-3"	9'-0"	8'-9"	8'-0"	6'-8"	11'-4"	10'-3"	9'-0"	9'-11"	9'-0"	7'-10"	7'-8"	6'-11"	6'-1"

Notes:

1. Single spans taken as the minimum span based on moment, shear, web crippling or deflection.
2. Multiple spans indicate two or more equal, continuous spans with span length measured support to support.
3. Multiple spans taken as the minimum span based on moment, shear, web crippling, deflection, combined bending and shear or combined bending and web crippling.
4. Web crippling values based on 1" bearing at end and interior supports.
5. Loads that exceed the 10psf limit for non-structural members require the use of structural material with G60 or similar coating.

FURRING CHANNEL CLIP

USE: Provides economical method of attaching 7/8" Drywall Furring Channels to 1-1/2" Cold Rolled Channel.

NOTE: Alternate direction of every other clip along cold rolled channel.

PACKAGING: 500 Pieces per box.

