

Chicago Metallic® Spanfast® Drywall Grid

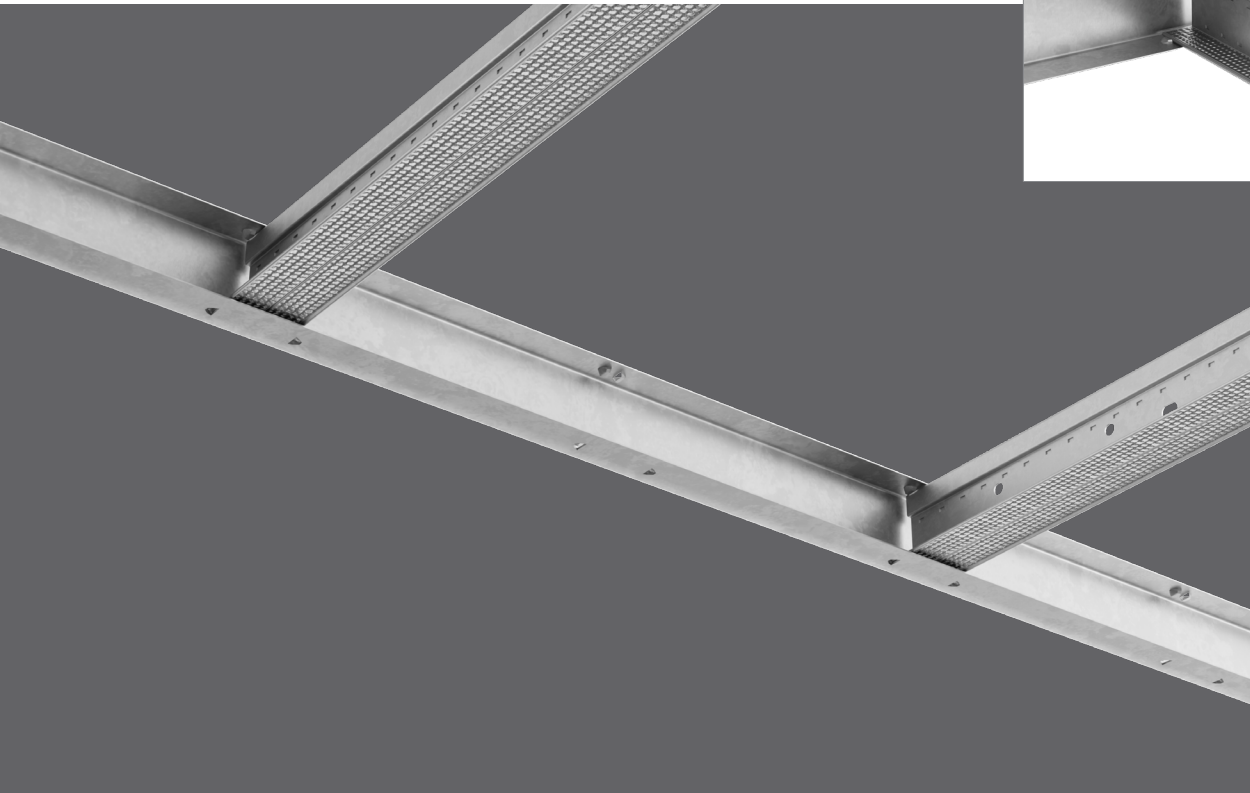
Features and Benefits

- Drywall Grid System which reduces the need for hanger wires at spans of 9' or less
- Minimizes labor and material costs
- Heavy Duty drywall grid construction increases strength and decreases rollover during installation
- Convenient, pre-notched wall track eliminates on-site field measuring for installation of Spanfast tees.
- Chicago Metallic suspension systems meet Class-A flame spread in accordance with ASTM standard E84

Applications

- Corridors
- Condos
- Hotels, Motels, Suites, Dorms
- Apartments
- Restrooms
- Townhomes
- Multi-Housing

Drywall Ceiling Suspension System



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LEED® v4.1 Highlights

Materials and Resources (MR)

Waste Management Planning	✓
Interiors Life Cycle Impact Reduction	✓
Environmental Product Declarations	✓
Sourcing of Raw Materials	✓
Material Ingredients	-
Waste Management	✓

Indoor Environmental Quality (EQ)


Low-Emitting Materials	✓
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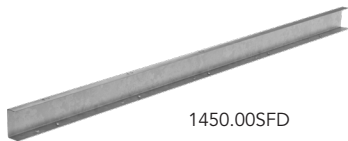
Recycled Content 30%

Performance Properties:

Base Material	Hot-Dip Galvanized Steel (HDG-40)
Capping	None - Knurled Face Hot-Dip Galvanized Steel (HDG-40)
Structural Classification	Heavy Duty per ASTM C635
Flame Spread Rating	Class A per ASTM E84
Warranty	40-Year Suspension System Warranty
Recycled Content	30%

Spanfast Tees

Detail	Catalog Number	Product Number	Face Dimension	Length	Height	Structural Classification (ASTM C635)	Seismic	Packaging			Ctn/ Pallet
								Pcs/ Ctn	LF/ Ctn	Lbs/ Ctn	
	Main Runner										
	640.SF.72D	343353	1-1/2"	6'	1.80"	HD	A-F	12	72	25	42
	640.SF.96D	343354	1-1/2"	8'	1.80"	HD	A-F	12	96	33	42
	640.SF.120D	343355	1-1/2"	10'	1.80"	HD	A-F	12	120	41	42
	640.SF.144D	343356	1-1/2"	12'	1.80"	HD	A-F	12	144	49	42
	640.SF.168D	343357	1-1/2"	14'	1.80"	HD	A-F	12	168	57	42



1450.00SFD



5130.00H
5130K.00H (Knurled)





Wall Track

Catalog Number	Product Number	Face Dimension	Length	I.D	Top Flange	Packaging		
						Pcs/ Ctn	LF/ Ctn	Lbs/ Ctn
1450.00SFD	349317	1"	144"	1.84"	3/4"	12	120	32
5130K.00H	250058	1-1/2"	120"	1-1/2"	-	30	300	57

Note: 1450.00SFD wall channel is pre-notched 8" o.c., eliminating the need for field measuring.

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Accessories

	Detail	Product Description	Catalog Number	Rockfon Part Number	Packaging	
					Pcs/ Ctn	Lbs/ Ctn
Access Door Kits (GRG)		9"x 9" GRG Access Door and Frame	8501.00	250377	1	5
		12"x 12" GRG Access Door and Frame	8502.00	310081	1	6
		18"x 18" GRG Access Door and Frame	8503.00	310082	1	10
		24"x 24" GRG Access Door and Frame	8504.00	313253	1	13
		30"x 30" GRG Access Door and Frame	8505.00	313256	1	22
Bridging Yokes*		4" Bridging Yoke	MDY4.00	269908	ea	2.25
		6" Bridging Yoke	MDY6.00	269909	ea	2.25
Other Accessories		10" Coupling/Splice (50 pcs/ctn)	640.SF.10	366780	ctn	16
		90-Degree Horizontal Clip (25 pcs/ctn)	479.00	253183	ctn	5

* Use support hangers as required when using bridging yokes.

Performance

Allowable Load Test Data

Based on L/240 Span Deflection with No Lateral Bracing (Lb/Ft²)

Spanfast Tee	Spacing	Allowable Load (lb/sf) With No Lateral Bracing at L/240 (per ASTM C645)									
		Without Mid-Span Support							With Mid-Span Support		
		4'	5'	6'	7'	8'	8'-6"	9'	10'	12'	14'
640.SF	8"	48.1	27.1	15.4	9.8	6.8	5.6	5.1	27.1	15.4	9.8
	16"	24.1	13.6	7.7	4.9	3.4	2.8	2.6	13.6	7.7	4.9
	24"	16.0	9.0	5.1	3.3	2.3	1.9	1.7	9.0	5.1	3.3

Spans greater than 9' require mid-span support (refer to installation guide for more information). Hanger wires are eliminated in many applications and are reduced vs. standard drywall grid at spans greater than 9', minimizing labor and material cost.

Standard Weights (approx):

1/2" drywall - 2.0 lbs per SF

5/8" drywall - 2.5 lbs per SF

2 layers of 5/8" drywall - 5.0 lbs per SF

Note: Weights are provided for reference only, customer responsible for confirming applied load weights.

Material

ASTM C 635 Heavy Duty (HD) furring runner classification; commercial quality 0.18 steel, G40 hot-dip galvanized body and knurled face, 1-1/2" width, 1.80" height.

Note: A metallurgist should be consulted regarding the suitability of this product for the environmental conditions in which it is being installed.

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Rockfon

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