

## Chicago Metallic<sup>®</sup> Spanfast<sup>®</sup> Drywall Grid

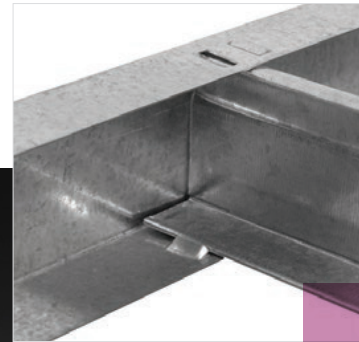
### Features and Benefits

- Drywall Grid System which reduces the need for hanger wires at spans of 7' or less
- Minimizes labor and material costs
- Heavy Duty drywall grid construction increases strength and decreases roll-over during installation
- Wall track Heavy Duty construction increases strength and decreases cross tee rollover for easy installation
- Chicago Metallic suspension systems meet Class-A flame spread rating in accordance with ASTM standard E84

### Applications

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

### Drywall Ceiling Suspension System



# Chicago Metallic® Spanfast® Drywall Grid

## 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	✓
Interior Lighting	✓

Recycled Content 30%



### Performance Properties:

<b>Base Material</b>	Hot-Dip Galvanized Steel (HDG-40)
<b>Capping</b>	Knurled Face Hot-Dip Galvanized Steel (HDG-40)
<b>Structural Classification</b>	Heavy Duty per ASTM C635
<b>Flame Spread Rating</b>	Class A per ASTM E84
<b>Warranty</b>	40-Year Suspension System Warranty
<b>Recycled Content</b>	30%

## Main Carriers

Detail	Product Number	Length x Height (A) x Face (B)	Hanger Holes Spacing	Structural Classification (ASTM C635)	Seismic	Packaging			Palletization	
						Pcs/Ctn	LF/Ctn	Lbs/Ctn	Ctn/Pallet	Lbs/Pallet
<b>Main Carriers</b>										
	640.SF.72	72" x 1-1/2" x 1-3/8"	Hanger Holes 5" OC	HD	A-F	12	72	26	42	1092
	640.SF.96	96" x 1-1/2" x 1-3/8"	Hanger Holes 5" OC	HD	A-F	12	96	35	42	1470
	640.SF.120	120" x 1-1/2" x 1-3/8"	Hanger Holes 5" OC	HD	A-F	12	120	44	42	1848
	640.SF.144	144" x 1-1/2" x 1-3/8"	Hanger Holes 5" OC	HD	A-F	12	144	53	42	2226
	640.SF.168	168" x 1-1/2" x 1-3/8"	Hanger Holes 5" OC	HD	A-F	12	168	62	42	2604

## Wall Channels



Product Number	Length x Height x Face x Top Flange (Length, A x B x C)	Packaging			Palletization	
		Pcs/Ctn	LF/Ctn	Lbs/Ctn	Ctn/Pallet	Lbs/Pallet
1450.00SF	144", 1-9/16" x 1" x 1" – Pre-Notched 8" OC	10	120	24	42	1008

# Accessories

	Detail	Rockfon Part Number	Product Number	Product Description	Packaging	
					Pcs/Ctn	Lbs/Ctn
Drywall Accessories		253160	VPCLIP.100	Variable Placement Clip	100	3
		250320	405.00	Drywall Track Clip	100	16
Access Doors (GRG)		250377	8501.00	9" x 9" GRG Access Door and Frame	1	5
		310081	8502.00	12" x 12" GRG Access Door and Frame	1	6
		310082	8503.00	18" x 18" GRG Access Door and Frame	1	10
		313253	8504.00	24" x 24" GRG Access Door and Frame	1	13
		313256	8505.00	30" x 30" GRG Access Door and Frame	1	22
Hanger Wire		250590	96CTL144	Hanger Wire 12' x 12-Gauge	Bundle	50
Tools		250349	937.00	Cross Tee Slotter	1	3
		250354	944.00	Wire Tie Tool	1	1

# Performance

## Allowable Load Test Data

### Based on L/240 Span Deflection With No Lateral Bracing (Lb/Ft<sup>2</sup>)

Furring Runner	Length	Spacing	Without Mid-Span Support			With 1 Mid-Span Support					1 Support at 1/3 points, 2 Total
			4'	5'	6'	7'	8'	10'	12'	14'	14'
640.SF.72	72"	16"	-	-	6.05	-	-	-	-	-	-
	72"	24"	-	-	4.03	-	-	-	-	-	-
640.SF.96	96"	16"	18.8	-	-	-	18.8*	-	-	-	-
	96"	24"	12.5	-	-	-	12.5*	-	-	-	-
640.SF.120	120"	16"	-	10.23	-	-	-	10.23*	-	-	-
	120"	24"	-	6.8	-	-	-	6.8*	-	-	-
640.SF.144	144"	16"	-	-	6.05	-	-	-	6.05*	-	-
	144"	24"	-	-	4.03	-	-	-	4.03*	-	-
640.SF.168	168"	16"	-	-	-	3.86, 24.4*	-	-	-	3.86*	12.23**
	168"	24"	-	-	-	16.25*	-	-	-	-	8.14**

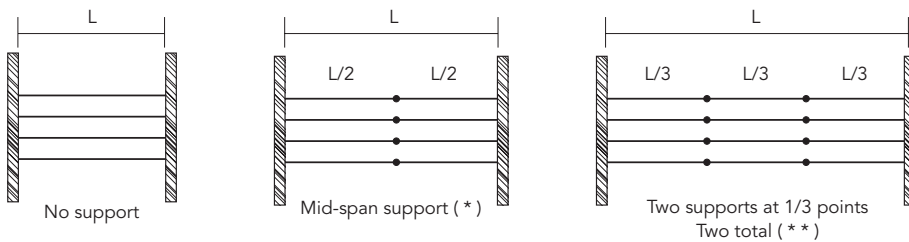
Hanger wires are eliminated in many applications and are reduced vs. standard drywall grid at spans greater than 7', minimizing labor and material cost.

\* 1 Support at Mid-Span

\*\* 2 Supports, each at 1/3 point

Wall connections must be able to support imposed loads.

## Component Load Test Data



## Material

ASTM C 635 Heavy Duty (HD) furring runner classification; commercial quality 0.20 steel, G40 hot-dip galvanized body and knurled face cap, 1-3/8" width, 1-1/2" 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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