

Chicago Metallic[®] G90 Drywall Grid 1-1/2"

Features and Benefits

- Heavy Duty drywall grid featuring stab-end cross tees
- HDG-90 coating for improved corrosion resistance
- Ideal for exterior application or high humidity environments
- Patented 45 degree hemmed edge will prevent spin out during installation
- Wider 1-1/2" face provides greater surface area for installation of drywall
- Chicago Metallic suspension systems meet Class-A flame spread rating in accordance with ASTM Standard E84

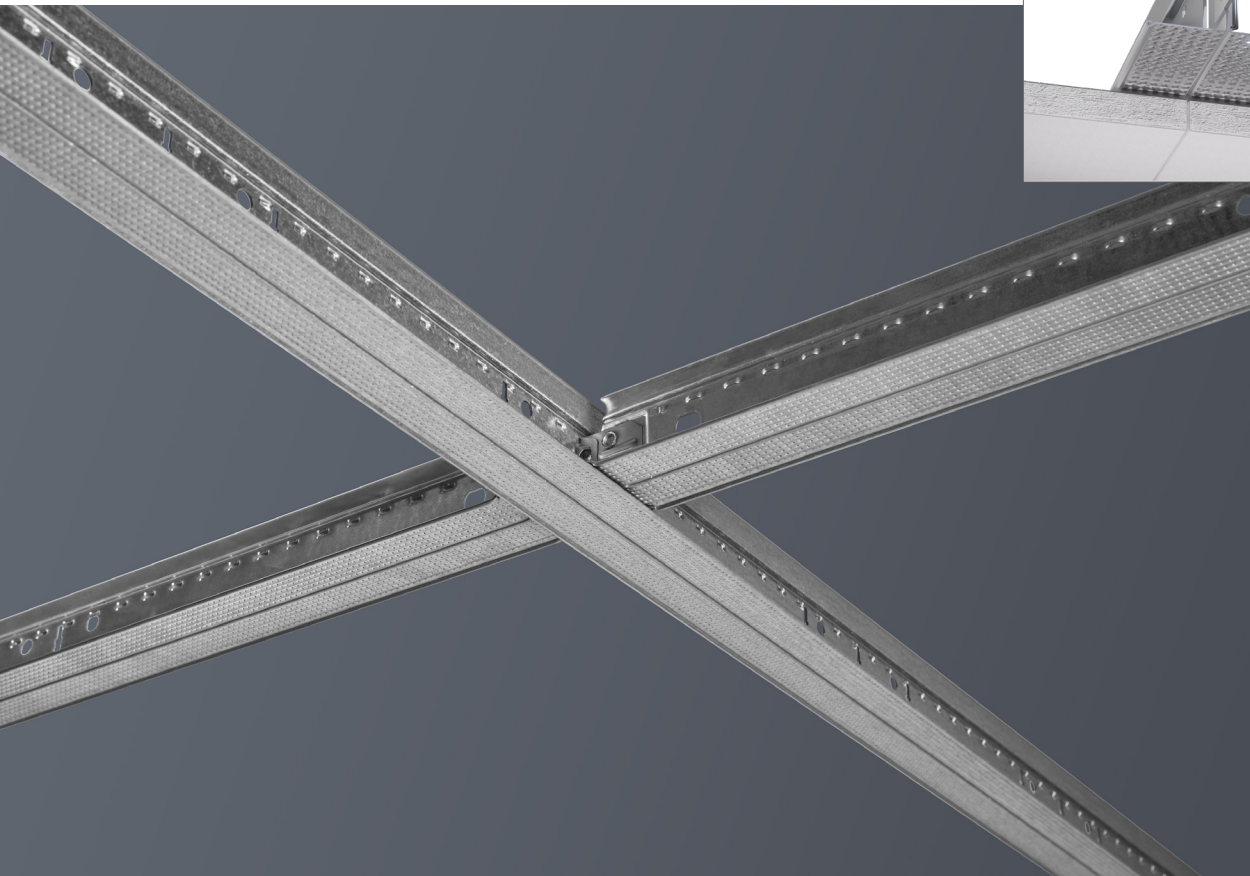
Applications

Outdoor

- Non-Exposed Exterior Corridors
- Drive Thru Areas
- Soffits
- Verandas
- Porches
- Covered Galleries

Indoor

- Indoor Parking Garage
- Swimming Pool Areas
- Lobbies



Chicago Metallic® G90 Drywall Grid 1-1/2"

LEED® v4.1 Highlights

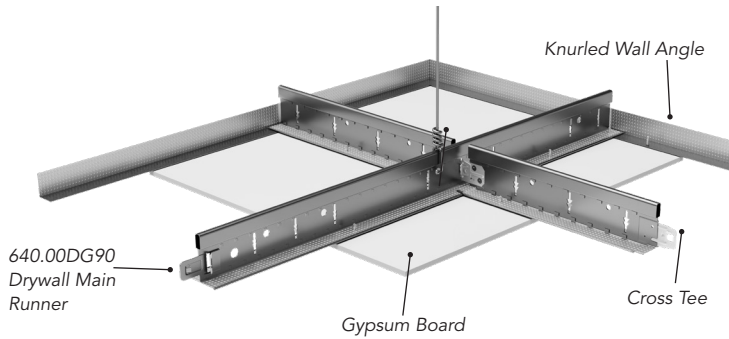
Materials and Resources (MR)

- 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 ✓



Recycled Content 30%



Performance Properties:

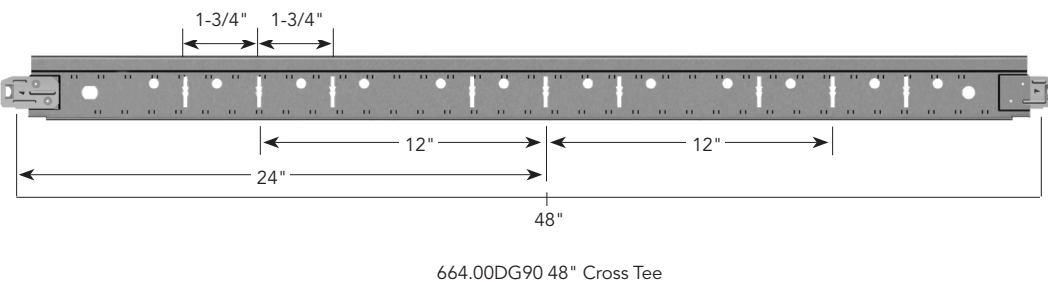
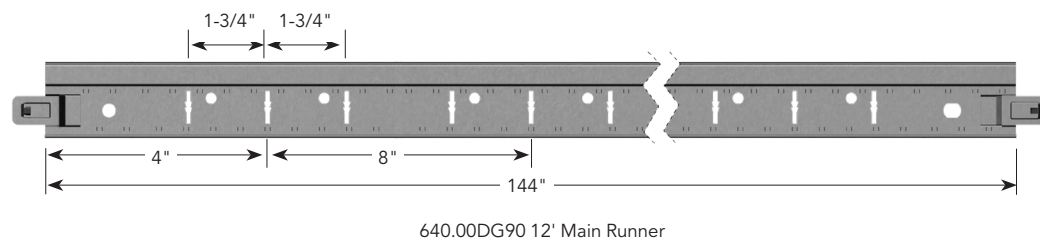
Base Material	Hot-Dip Galvanized Steel (HDG-90)
Capping	None – Knurled Face Hot-Dip Galvanized Steel (HDG-90)
End Details	Main Runners: Bayonet-End Coupling Cross Tees: Stab-End
Structural Classification	Heavy Duty per ASTM C635
Flame Spread Rating	Class A per ASTM E84
Warranty	40-Year Suspension System Warranty
Recycled Content	30%

G90 Drywall Suspension System

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										
	640.00DG90	348945	1-1/2"	144"	1.68"	HD	A-F	20	240	83	28
	Cross Tees										
	664.00DG90	348944	1-1/2"	48"	1.54"	-	A-F	40	160	51	30

Custom slotting available. Contact Rockfon Customer Service for details and service levels.

G90 Drywall System Components



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Perimeter Components

Drywall Angles



Catalog Number	Product Number	Length	Face Dimension	Height	Top Flange	Packaging		
						Pcs/Ctn	LF/Ctn	Lbs/Ctn
5130.00HG90	250057	120"	1-1/2"	1-1/2"	-	30	300	57

Accessories

	Detail	Product Description	Catalog Number	Rockfon Part Number	Packaging	
					Pcs/Ctn	Lbs/ Ctn
Other Accessories		Drywall Furring Runner Clip	435.00	250326	210	6
		Drywall Track Clip	405.00	250320	100	16
		Cross Tee Slotter	937.00	250349	1	3
		Cross Tee Removal Tool	943.00	250353	1	1
		Wire Tie Tool	944.00	250354	1	1
		12 ga. Hanger Wire	96CTL144	250590	Bundle	50
		30-Degree Angle Clip	479.030	350249	25	5
		45-Degree Angle Clip	479.045	350251	25	5
		60-Degree Angle Clip	479.060	350252	25	5
		90-Degree Flat Angle Clip	479.090	350253	25	5
		90-Degree Horizontal Clip	479.00	253183	25	5

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Allowable Load Test Data (Lb/Ft)

640 Drywall Furring System

Main Runner	Face	Height	Length	Simple Span, Deflection (LBS per LF)					
				24"		36"		48"	
				L/240	L/360	L/240	L/360	L/240	L/360
640.00DG90	1-1/2"	1.68"	144"	158.3	115.0	55.3	38.7	25.9	17.9
Cross Tees									
664.00DG90	1-1/2"	1.54"	48"	-	-	-	-	21.00	14.5

* To convert data into lb/ft², divide on center spacing of suspension component into lb/ft.
 ◆ Limited by safety factor of 2.
 Install systems in accordance with ASTM C636. Other requirements may apply.

Material

ASTM C635 Heavy Duty (HD) main tee classifications; commercial quality HDG-90 steel galvanized body and knurled face, 1-1/2" face width. Main runner height 1.68", Cross tee height 1.54". Also complies with ASTM C645 and ASTM C754.

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

Membrane Allowable Load Test Data (Lb/Ft²)

Component Combination Main Runner/Cross Tee	Hanger Wire/Cross Tee Spacing (L/240)		Hanger Wire/Cross Tee Spacing (L/360)	
	48"/24"	32"/16"	48"/24"	32"/16"
	640.00DG90/664.00DG90	6.5	13.8	4.5

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Properties

Material

HDG-90 Hot Dipped Galvanized Steel



Fire Performance

Surface Burning Characteristics:
UL723 (ASTM E84) Flame Spread Index: 0
Smoke Developed Index (UL Labeled): 0



Warranty

40-Year Limited Product Warranty
See rockfon.com



Environment

Steel: 30% recycled content
100% locally recyclable



Hygiene

Metal provides no sustenance
to microorganisms

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Rockfon

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