

Chicago Metallic® G90 Exterior Grade Systems

Acoustical & Drywall ceiling suspension system



Ideal for: Non-exposed exterior corridors, bank drive thru areas, restaurant drive thru areas, building soffits, verandas, porches, covered galleries, indoor parking garages, indoor/outdoor applications, soft transitions, lobbies, combination drywall and acoustical panel or tile ceilings.

Performance Properties:

- Suspension system features stab-end cross tees and a heavy-duty design
- Available in standard 15/16" grid and 1-3/8" drywall grid
- G90 HDG coating for improved corrosion resistance, ideal for exterior application
- Sustainable: Minimum 25% recycled content, 100% locally recyclable
- Chicago Metallic® suspension systems meet a Class-A flame spread rating in accordance with ASTM standard E1264-08

Chicago Metallic® G90 Exterior Grade Systems

LEED® V4 HIGHLIGHTS

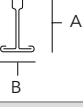

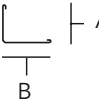
Materials and Resources (MR)

- 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
- ✓ -Acoustic Performance

RECYCLED CONTENT: UP TO: 25%

Detail	Product Number	Length	Height (A)	Face (B)	Grid Coupling Type	Slotting / Class	Seismic	Recycled Content
Main Runners								
	230.XXZ.01	144"	1-41/64"	15/16"	Bayonet-End	6" OC, HD	C, DEF	25
	640.00CG90	144"	1-1/2"	1-3/8"	Bayonet-End	8" OC, HD	C, DEF	25
Cross Tees								
	1232.01G90	24"	1-1/2"	15/16"	Stab-End	12" OC	C, DEF	25
	1234.01G90	48"	1-1/2"	15/16"	Stab-End	12" OC	C, DEF	25
	663.00CG90	48"	1-1/2"	1-3/8"	Stab-End	12" OC	C, DEF	25
Wall Angles & Channels								
	1409.01G90	144"	3/4"	15/16"	-	-	C, DEF	25
	5130.00HG90	-	3/4"	15/16"	-	-	C, DEF	25

Available in the following standard colors, Rockfon® Color-all™ colors, and RAL color options.



01 White



08 Black



44 Satin Silver



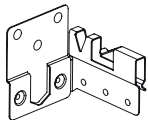
Color-all



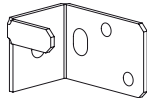
Packaging

Product Number	Pieces per Carton	Ft per Carton	Lbs per Carton	Cartons per Pallet	Lbs per Pallet
Main Runners					
230.XXZ.01	20	240	71	Palletized to Order	Palletized to Order
640.00CG90	20	240	86	28	Palletized to Order
Cross Tees					
1232.01G90	60	120	-	64	Palletized to Order
1234.01G90	60	240	-	30	Palletized to Order
663.00CG90	40	160	-	30	Palletized to Order
Wall Angles & Channels					
1409.01G90	25	300	41	40	1640
5130.00HG90	30	300	70	30	2100

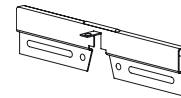
Accessories



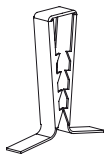
1496.00
Seismic
Perimeter Clip
100 PCS/Carton



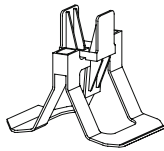
1493.00
Unopposed
Tee Clip
100 PCS/Carton



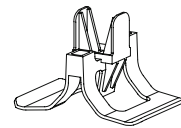
1494.00
Seismic
Separation Clip
100 PCS/Carton



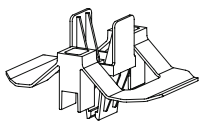
935.00
Hold Down Clip
for Various
Height Panels
1000 PCS/Carton



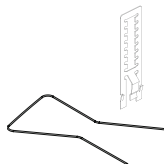
490.00
Hold Down Clip
for 0" – 3/4" Panels
100 PCS/Carton



491.00
Hold Down Clip for
3/4" – 1-1/4" Panels
150 PCS/Carton



492.00
Hold Down Clip
for 1-1/2" Panels
100 PCS/Carton



495.00
Facett™ Hold
Down Clip for
2" – 4" Panels
100 PCS/Carton



826.00H
2' Spacer Bar
80 LF/Carton



828.00H
4' Spacer Bar
160 LF/Carton



824.00H
4' Spacer Bar,
Notched at 2'
160 LF/Carton

Performance

Component Load Test Data and Material

Allowable Load per ASTM C635					
Main Tee	Length		Hanger Spacing		
			4'	5'	6'
230.XXZ.01	144"		HD	8.9	5.6
640.00CG90	144"		HD		
Cross Tee	Length	2'	4'		
1232.01G90	24"	40.5♦			
1234.01G90	48"		17.0		
663.00CG90	48"		17.0		

To convert data into lb/ft², divide on center spacing of component into lb/ft.

♦ Limited by safety factor of 2.

Light Fixture Load Test Data (based on 1/360 span deflection)

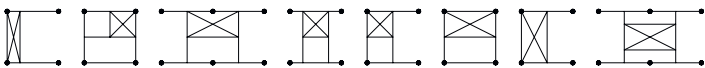
Light Fixtures Dimensions	Main & Cross Tees - Allowable Fixture Weight – Pounds	
	230.XXZ.01	1234.01G90
1' x 4'		67.6
2' x 2'		52.8
2' x 4'		76.0♦

♦ Limited by safety factor of 2.

Non-Fire Rated Assemblies

Hanger Positions for Non-Fire Rated Situations

This illustrates hanger positions for single fixtures in a field. Provide extra hangers for tandem fixtures.



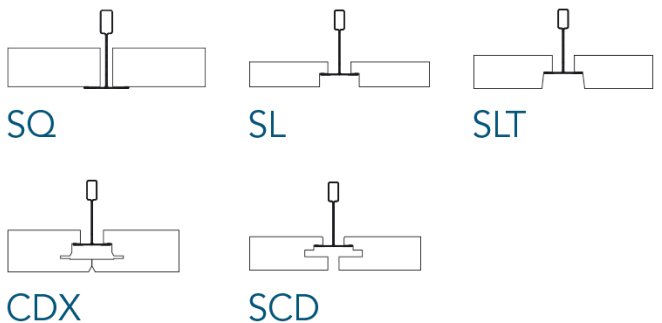
Material

ASTM C 635 Heavy Duty (HD) main tee classifications, commercial quality HDG-90 steel with galvanized body and cap. 15/16" width and 1-3/8" widths available. 1-1/2" height. Meets all seismic code requirements.

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

Compatible Tile Edge Types

G90 Acoustical Grid Systems



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