

Chicago Metallic® BarrierGrid®

Acoustical ceiling suspension system



Ideal for: Clean manufacturing areas, healthcare, food processing, pharmaceutical, aerospace and precision instrument assembly rooms.

Performance Properties:

- Acoustical grid system features a heavy duty design, available with stab-end or hook-end cross tees
- Factory precision applied gasket grid restricts air movement between plenum and room
- Components and assemblies designed for use in ISO 14644-1 controlled environment facilities
- Aluminum capped runners and tees improve corrosion resistance of gasketed ceiling grid system
- 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® BarrierGrid®

LEED® V4 HIGHLIGHTS

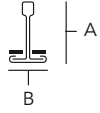
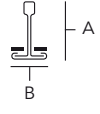
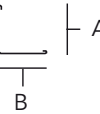
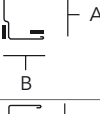
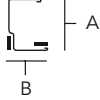
Materials and Resources (MR)

- 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								
	200.XXZ.01AG	144"	1-41/64"	15/16"	Bayonet-End	6" OC, HD	C, DEF	25
	600.01AG	144"	1-1/2"	1-3/8"	Bayonet-End	6" OC, HD	C, DEF	25
Cross Tees								
	1229.01AG	24"	1-1/2"	15/16"	Stab-End	No Slots	C, DEF	25
	602.01AG	24"	1-1/2"	1-3/8"	Stab-End	No Slots	C, DEF	25
	1215.01AG	48"	1-1/2"	15/16"	Stab-End	12" OC	C, DEF	25
	604.01AG	48"	1-1/2"	1-3/8"	Stab-End	12" OC	C, DEF	25
	229.01AG	24"	1-1/2"	15/16"	Hook-End	No Slots	C	25
	214.01AG	48"	1-1/2"	15/16"	Hook-End	12" OC	C	25
Wall Angles & Channels								
	1425.01	144"	2"	2"	-	-	C, DEF	25
	1428.01	144"	1"	2"	-	-	C, DEF	25
	1456.01AG	144"	1-1/8"	1"	-	-	C	25
	1446.01AG	120"	1-5/8"	1"	-	-	C	25

Note: Cross tees are override design, with stab-in end detail, unless noted otherwise. Hook end tees are suitable for seismic areas 1 and 2 only. Butt-cut tees are used for true, flat panel installation, i.e., metal panels.

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



01 White



08 Black



44 Satin Silver



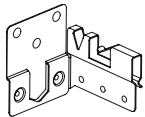
Color-all



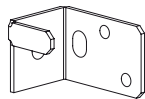
Packaging

Product Number	Pieces per Carton	Ft per Carton	Lbs per Carton	Cartons per Pallet	Lbs per Pallet
Main Runners					
200.XXZ.01AG	25	300	90	20	2250
600.01AG	20	240	80	20	1600
Cross Tees					
1229.01AG	75	150	24	40	960
602.01AG	40	80	26	40	1040
1215.01AG	50	200	42	30	1470
604.01AG	40	160	54	30	1296
229.01AG	75	150	24	40	960
214.01AG	50	200	42	30	1470
Wall Angles & Channels					
1456.01AG	15	180	15	32	544
1425.01	20	240	82	30	2460
1428.01	20	240	54	30	1620
1446.01AG	12	120	16	28	448

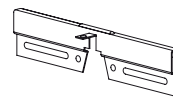
Accessories



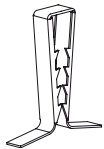
1496.00
Seismic
Perimeter Clip
100 PCS/Carton



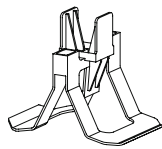
1493.00
Unopposed
Tee Clip
100 PCS/Carton



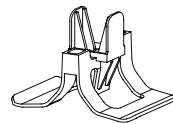
1494.00
Seismic
Separation Clip
100 PCS/Carton



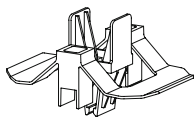
935.00
Hold Down Clip
for Various
Height Panels
1000 PCS/Carton



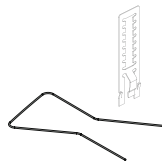
490.00
Hold Down Clip
for 0" – 3/4" Panels
100 PCS/Carton



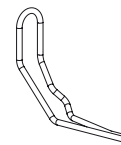
491.00
Hold Down Clip for
3/4" – 1-1/4" Panels
150 PCS/Carton



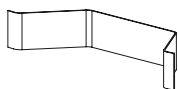
492.00
Hold Down Clip
for 1-1/2" Panels
100 PCS/Carton



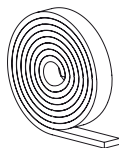
495.00
Facett™ Hold
Down Clip for
2" – 4" Panels
100 PCS/Carton



416.15
Intersection Clip
for Hook-end
Cross Tees
1000 PCS/Carton



88.00
Border Spring Clip
1000 PCS/Carton



925.00
Loose Gasket
100LF/Roll



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

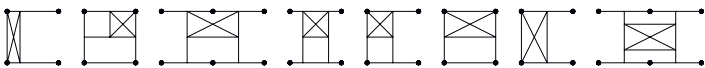
Allowable Load per ASTM C635					
Main Tee	Length		Hanger Spacing		
			4'	5'	6'
200.01AG	144"		HD		
600.01AG	144"		HD		
Cross Tee	Length	2'	4'	5'	6'
1229.01AG	24"	33.0♦			
229.01AG	24"	32.5♦			
1215.01AG	48"		10.7		
602.01AG	24"	100.0♦			
604.01AG	48"		18.6		

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



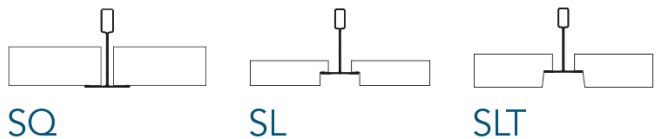
Material

ASTM C 635 Heavy Duty (HD) main tee classification, 01 White commercial quality painted steel, hot-dip galvanized body, aluminium cap, Standard G30 (15/16" width) and Premium G40 (1-3/8" width), Standard (1-13/16" height) and Premium (1-1/2" height). Closed cell PVC foam gaskets adhered to all tees.

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

BarrierGrid Standard/BarrierGrid Premium Systems (SQ Only)



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