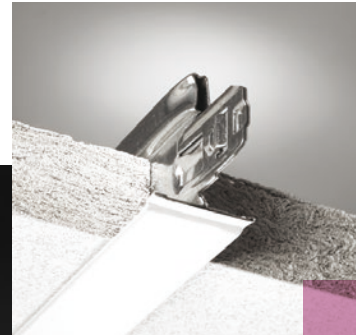


Chicago Metallic® 1830 G60 Aluminum Cap 15/16"

Acoustical ceiling suspension system



Ideal for: Offices, schools, food preparation areas, laboratories and swimming pools.

Performance Properties:

- Intermediate-duty design with integral stab-end cross tees
- Manufactured with expansion reliefs, our fire-rated grid systems are suitable for fire-rated ceiling assemblies
- Built with an aluminum cap and G60 HDG steel for improved corrosion resistance
- 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® 1830 G60 Aluminum Cap 15/16"

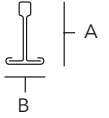
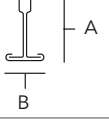
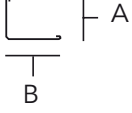
LEED® V4 HIGHLIGHTS

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	Fire Rated	Seismic	Recycled Content
Main Runners									
	1830.01AH	144"	1-1/2"	15/16"	Bayonet-End	6" OC, ID	✓	C	25
Cross Tees									
	1832.01AH	24"	1-1/2"	15/16"	Stab-End	No Slots	✓	C	25
	1834.01AH	48"	1-1/2"	15/16"	Stab-End	12" OC	✓	C	25
Wall Angles & Channels									
	1479.01A	144"	3/4"	15/16"	-	-	-	C	25
	1409.01AH	144"	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



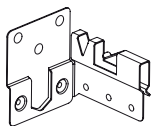
Color-all



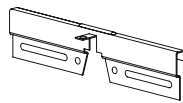
Packaging

Product Number	Pieces per Carton	Ft per Carton	Lbs per Carton	Cartons per Pallet	Lbs per Pallet
Main Runners					
1830.01AH	25	300	81	28	2268
Cross Tees					
1832.01AH	75	150	39	50	1950
1834.01AH	50	200	52	40	2080
Wall Angles & Channels					
1479.01A	25	300	24	40	960
1409.01AH	25	300	41	Palletized to Order	Palletized to Order

Accessories



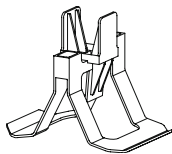
1496.00
Seismic
Perimeter Clip
100 PCS/Carton



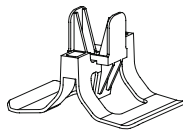
1494.00
Seismic
Separation Clip
100 PCS/Carton



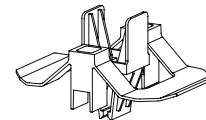
935.00
Hold Down Clip
for Various
Height Panels
1000 PCS/Carton



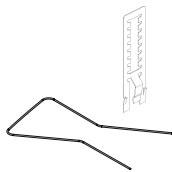
490.00
Hold Down Clip
for 0" – 3/4" Panels
100 PCS/Carton



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					
			Hanger Spacing		
Main Tee	Length		4'	5'	6'
1830.01AH	144"		ID	5.8	3.3
Cross Tee	Length	2'	4'		
1832.01AH	24"	65.0♦			
1834.01AH	48"		13.1		

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)

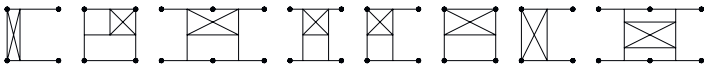
Light Fixtures Dimensions	Main & Cross Tees - Allowable Fixture Weight - Pounds	
	1830.01AH	1834.01AH
1' x 4'	55.6	
2' x 2'	49.6	
2' x 4'	64.0♦	

♦ 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

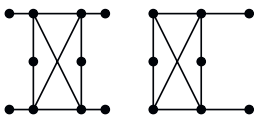
ASTM C 635 Intermediate Duty (ID) main tee classification, commercial quality HDG-60 steel with Aluminum cap. 15/16" wide face. Fire rated.

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

Fire Rated Assemblies

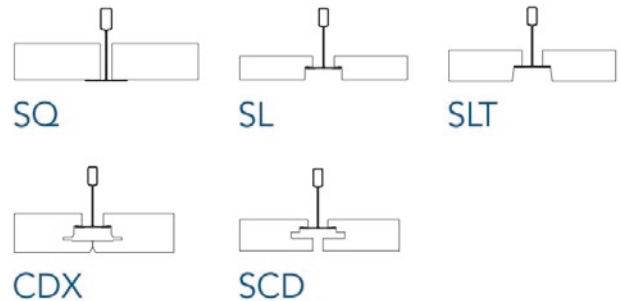
Hanger Positions for Fire Rated Situations

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



Compatible Tile Edge Types

1830 System



UL® Fire Rated Assemblies

Floor-Ceiling Type 1830

A202, A210, D203, D205, D209, D215, D216, G022, G201, G208, G209, G210, G211, G213, G214, G215, G216, G217, G218, G222, G228, G234, G241, G242, G244, G248, G250, G255, G256, G258, G259, J201, L201, L202, L206, L208, L209, L210, L211, L212

Roof-Ceiling Type 1830

P201, P202, P203, P204, P206, P207, P210, P211, P214, P215, P216, P217, P219, P225, P227, P228, P229, P230, P231, P235, P237, P238, P239, P241, P244, P245, P246, P251, P253, P255, P257, P259, P260, P261, P262, P264

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