

Chicago Metallic® 830 All Aluminum 15/16"

Acoustical ceiling suspension system



Ideal for: Food and drug preparation areas, laboratories and laundries.

Performance Properties:

- Light-duty design features hook-end cross tees
- Aluminum ceiling grid construction achieves excellent corrosion resistance
- Sustainable: 90%-100% 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® 830

All Aluminum 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: 100%

Detail	Product Number	Length	Height (A)	Face (B)	Grid Coupling Type	Slotting / Class	Fire Rated	Seismic	Recycled Content
Main Runners									
	830.01AZ	144"	1-1/2"	15/16"	Knuckle-End	12" OC, LD	-	C	100
Cross Tees									
	832.01AZ	24"	1-1/2"	15/16"	Hook-End	No Slots	-	C	100
	834.01AZ	48"	1-1/2"	15/16"	Hook-End	Center Slot	-	C	100
Wall Angles & Channels									
	1479.01A	144"	3/4"	15/16"	-	-	-	C	25

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



01 White



08 Black



44 Satin Silver



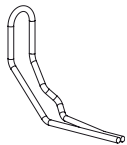
Color-all



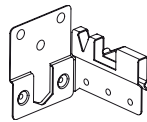
Packaging

Product Number	Pieces per Carton	Ft per Carton	Lbs per Carton	Cartons per Pallet	Lbs per Pallet
Main Runners					
830.01AZ	20	240	34.3	30	1032
Cross Tees					
832.01AZ	60	120	16	64	1024
834.01AZ	60	240	32.4	30	972
Wall Angles & Channels					
1479.01A	25	300	24	40	960

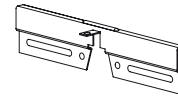
Accessories



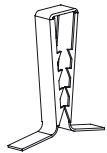
416.15
Intersection Clip
for Hook-end
Cross Tees
1000 PCS/Carton



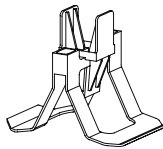
1496.00
Seismic
Perimeter Clip
100 PCS/Carton



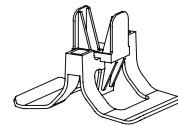
1494.00
Seismic
Separation Clip
100 PCS/Carton



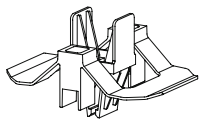
935.00
Hold Down Clip
for Various
Height Panels
1000 PCS/Carton



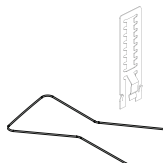
490.00
Hold Down Clip
for 0" – 3/4" Panels
100 PCS/Carton



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					
Main Tee	Length		Hanger Spacing		
			4'	5'	6'
830.01AZ	144"		LD	3.9	2.4
Cross Tee	Length	2'	4'		
832.01AZ	24"	47.8			
834.01AZ	48"		7.5		

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

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

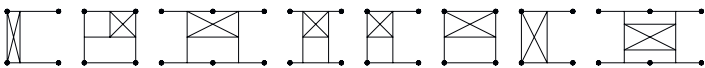
Light Fixtures Dimensions	Main & Cross Tees - Allowable Fixture Weight – Pounds	
	830.01AZ	834.01AZ
1' x 4'		33.6
2' x 2'		20.0♦
2' x 4'		32.0♦

♦ 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.



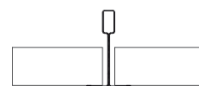
Material

ASTM C 635 Light Duty (LD) main tee classification, commercial quality alloy, all aluminium Base Metal and Cap. 15/16" wide face.

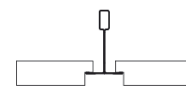
Note: A metallurgist should be consulted regarding the suitability of this product for the environmental conditions in which it is being installed.

Compatible Tile Edge Types

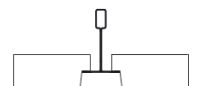
830 System



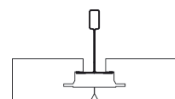
SQ



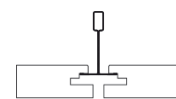
SL



SLT



CDX



SCD

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