

Chicago Metallic® 1200 Seismic 15/16" Exposed

Product

Applications

Seismic rated retail, schools, offices general interior spaces.

Features

- ICC-ES report 2631.
 - The industry standard of compatibility: acoustical tile, light fixtures and air diffusers.
 - Stab-in cross tees with QuickClick™ end clips.
 - Meets or exceeds IBC requirement of 2" ledge support of grid components with use of Perimeter Clip.
 - Complete seismic designs.
 - Chicago Metallic suspension systems meet a Class-A frame rating in accordance with ASTM standard E1264-08.
- ### Benefits
- Cost control.
 - Global compatibility and availability.
 - Standard cross tee height ensures compatibility with straight and curved trim systems.
 - Sustainable: Minimum 25% recycled content, 100% locally recyclable, global/regional manufacture.

Material:

A. General

ASTM C 635 Heavy Duty (HD) and Intermediate Duty (ID) main tee classifications; commercial quality HDG-30 steel, galvanized body and cap, 15/16" width, 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.

Components:

- 1. Main Tees:** Double web construction, 15/16" width, 1-1/2" height with hot-dip galvanized body. XXZ Main runner height = 1-13/16".
- 2. Cross Tees:** Double web construction, 15/16" width, 1-1/2" and 1-5/16" height with hot-dip galvanized body 15/16" wide flange. Stab-in end detail.

For Modules Sized (24 x 24, 24 x 48)

- 216.01H (120", slots 6" OC, ID)
- 200.XXZ.01 (144", slots 6" OC, HD)
- 211.01Z (144", slots 6" OC, ID)

For Modules Sized (20 x 30, 20 x 60, 30 x 30, 60 x 60)

- 299.01H (120", slots 10" OC, ID)

For Modules Sized (24 x 24, 24 x 48)

- 1202.01Z* (24", no slots)
- 1210.01Z (48", slots 12" OC)
- 1211.01Z (4", no slots, stab end)
- 1212.01Z (6", no slots, stab end)
- 1214.01Z (48", slots 12" OC)
- 1214.01SST (48", slots 12" OC)
- 1274.01Z (48", slots 12" OC, HD)
- 1236.01H (72", slots 12" OC)
- 1207.01H (60", slots 6" OC)
- 1278.01H (96", slots 12" OC)

For Modules Sized (20 x 30, 20 x 60, 30 x 30, 30 x 60, 60 x 60)

- 1257.01Z (20", no slots)
- 1258.01H (30", no slots)

3. Wall Angles & Shadow Moldings:

Wall Angle, two hemmed edges (A x B)

- 1430.01 (144", 7/8" x 7/8")
- 1420.01 (144", 15/16" x 15/16")
- 1428.01 (144", 1" x 2")
- 1425.01 (144", 2" x 2")
- 21420.01 (144", 15/16" x 15/16")

Shadow Molding, one hemmed edge (A x B x C x D)

- 1460.01 (120", 3/4" x 3/8" x 3/8" x 3/4")
- 1461.01 (120", 3/4" x 3/4" x 3/4" x 3/4")

Shadow Molding, two hemmed edge (A x B x C x D)

- 1469.01 (120", 9/16" x 3/8" x 3/8" x 15/16")

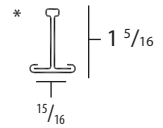
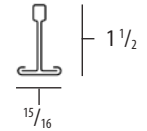
Shadow Molding, two hemmed edges (A x B x C x D)

- 1466.01 (144", 1-3/4" x 3/4" x 1/4" x 1-1/4")

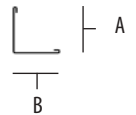
4. Accessories:

- 1496.00 Seismic Perimeter clip
- 1494.00 Seismic Separation Joint Clip (SSC)
- 826.00H 2' Spacer Bar
- 828.00H 4' Spacer Bar
- 824.00H 4' Spacer Bar notched 2'

Tees

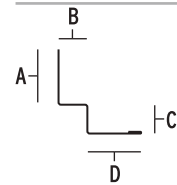


Wall Angle

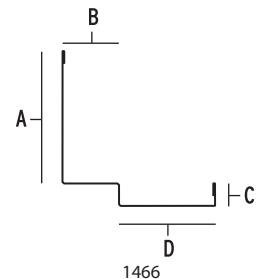


two hemmed edges

Shadow Moldings

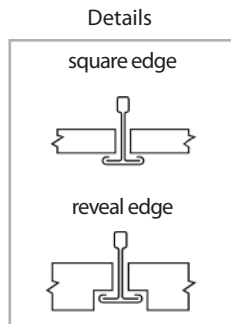
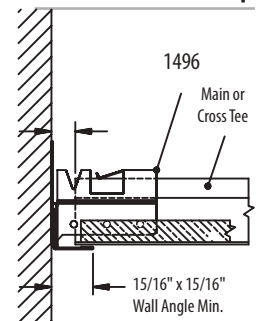


1460, 1461/1469
one/two hemmed edge



two hemmed edges

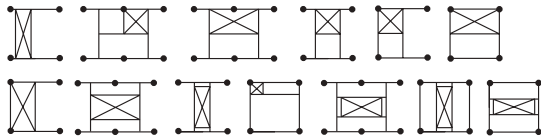
Seismic Perimeter Clip



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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.

Component Load Test Data (based on $1/360$ span deflection)

		ALLOWABLE LOAD per ASTM C635 [■]							
Main Tee	Length	Hanger Spacing							
		4'		5'		6'			
216	10'	ID		6.0		4.0			
299	10'	ID		6.0		4.0			
211	12'	ID		6.0		4.0			
200	12'	HD		8.9		5.6			
Cross Tee	Length	1'	2'	3'	4'	5'	6'	8'	
1202	2'	22.8G [▲]							
1210	4'	9.3							
1214	4'	14.0							
1214SST	4'	14.0							
1274	4'	17.0							
1280	4'	6.9							
1207	5'	8.5							
1236	6'	-							
1278	8'	1.8							

[■]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	ALLOWABLE FIXTURE WT. – LBS.		
	MAIN & CROSS TEES		
	211	211	211
Dimensions	1210	1213	1280
1' x 4'	56.4	56.4	59.1
2' x 2'	34.8	34.8	36.1
2' x 4'	47.2	47.2	37.1

Consult specific U. L. design for allowable lighting configurations.

[▲]Limited by safety factor of 2.