



Chicago Metallic 4050 Tempra™ 9/16" Fire Rated 🔥

Primary Applications:

Hospitals, hospitality, retail, airports, transit, galleries, offices.

Features and Benefits:

- The industry standard of compatibility: acoustical tile, light fixtures and air diffusers.
- Approved for U. L. Fire Rated Designs.

- Chicago Metallic suspension systems meet a Class-A flame spread rating in accordance with ASTM standard E1264-08.
- Cost and visual control.
- Sound, fire and seismic performance.
- Sustainable: Minimum 25% recycled content, 100% locally recyclable, global/regional manufacture.

PRODUCTS

Main Tees		Wall Angles	
	<p>Double web construction, 9/16" width, 1-5/8" height with hot-dip galvanized body 9/16" wide flange.</p>		<p>Wall Angle, two hemmed edges (A x B):</p> <ul style="list-style-type: none"> □ 1480.01 (144", 15/16" x 9/16") □ 1420.01 (144", 15/16" x 15/16") □ 21420.01 (144", 15/16" x 15/16")
<h3>Cross Tees</h3>		<h3>Shadow Moldings</h3>	
	<p>Double web construction, 9/16" width, 1-1/2" height. Stab-in end detail.</p>		<p>Shadow Moldings, two hemmed edge (A x B x C x D)</p> <ul style="list-style-type: none"> □ 1460.01 (120", 3/8" x 3/4" x 3/8" x 3/4") □ 1461.01 (120", 3/4" x 3/4" x 3/4" x 3/4") □ 1469.01 (120", 15/16" x 3/8" x 3/8" x 9/16")
	<p>For Modules Sized (24 x 24, 24 x 48)</p> <ul style="list-style-type: none"> □ 4050.01CH (144", slots 6" OC, ID) 		<p>Shadow Molding, two hemmed edges (A x B x C x D)</p> <ul style="list-style-type: none"> □ 1466.01 (144", 1-3/4" x 3/4" x 1/4" x 1-1/4")
	<p>For Modules Sized (24 x 24, 24 x 48)</p> <ul style="list-style-type: none"> □ 4052.01CH (24", no slots) □ 4054.01CH (48", slots 12" OC) 	<p>1460, 1461/1469 two hemmed edge</p>	<p>1466 two hemmed edges</p>

Note: Cross tees are override design, with stab-in end detail, unless noted otherwise.

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MATERIAL

A. General

ASTM C 635 Intermediate Duty (ID) main tee classification; commercial quality steel, hot-dip galvanized body and cap, 9/16" width, 1-1/2" height.

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

COMPONENT LOAD TEST DATA (based on 1/360 span deflection)

ALLOWABLE LOAD per ASTM C635 [■]			
		Hanger Spacing	
Main Tee	Length	4'	
4050CH	12'	ID	
Cross Tee	Length	2'	4'
4052CH	2'	45.0 [▲]	
4054CH	4'	12.9	

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

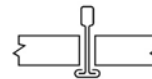
[▲]Limited by safety factor of 2.

LIGHT FIXTURE LOAD TEST DATA (based on 1/360 span deflection)

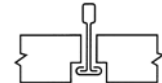
LIGHT FIXTURES	MAIN & CROSS TEES - ALLOWABLE FIXTURE WT. - LBS.	
Dimensions	4050.01CH	4054.01CH
2' x 2'	38.8	
2' x 4'	49.6	

DETAILS

square edge



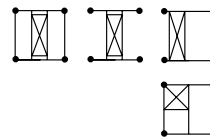
reveal edge



NON-FIRE RATED ASSEMBLIES

Hanger Positions for Fire Rated Situations

This illustrates hanger positions for single fixtures in a field and are covered in the table. Refer to specific design numbers for allowable number of fixtures per square footage of ceiling area.



UL® FIRE RATED ASSEMBLIES

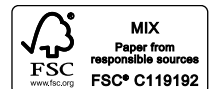
FLOOR-CEILING TYPE 4050C

A202, D216, G217, G229, G236, G256, G262, G265, L201

ROOF-CEILING TYPE 4050C

P204, P225, P227, P251, P253, P259, P260, P261, P262

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