



Chicago Metallic 4600 Ultraline™ 9/16" Exposed with 1/8" Reveal

Primary Applications:

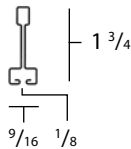
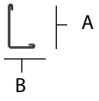
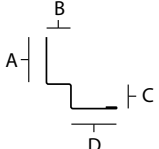
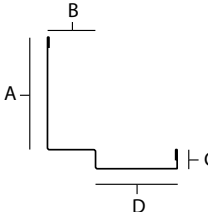
Lobbies, Airports, conference rooms and other High End Applications.

Features and Benefits:

- ICC-ES report 2631
- 9/16" face with 1/8" reveal.
- All Intersections are pre mitered during production.
- The industry standard of compatibility: acoustical tile, light fixtures and air diffusers.

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

PRODUCTS

	Main Tees Double web construction, 9/16" width with 1/8" center reveal. APC-2 APC-7 APC-8 APC-9	For Modules Sized (24 x 24, 24 x 48, 20 x 30, 20 x 60, 30 x 30, 30 x 60) ☐ 4600.01 (144", slots/notches 24" OC, ID) ☐ 4640.01 (144", slots 12" OC, no notches HD) ☐ 4660.01 (144", slots/notches 24" OC, ID) ☐ 4630.01 (144", slots/notches 24" OC, HD) ☐ 4601.01 (120", slots/notches 30" OC, ID) ☐ 4602.01 (120", slots/notches 20" OC, ID)
	Cross Tees	
	Double web construction, 9/16" width with 1/8" center reveal. Stab-in end detail.	For Modules Sized (24 x 24, 24 x 48) ☐ 4611.01 (12", no slots/notches) ☐ 4612.01 (24", no slots/notches) ☐ 4624.01 (48", no slots/notches) ☐ 4614.01 (48", slot/notch at midpoint) ☐ 4618.01 (48", slot at 24", notch 1 side at midpoint) For Modules Sized (20 x 30, 20 x 60, 30 x 30, 30 x 60, 60 x 60) ☐ 4620.01 (20", no slots/notches) ☐ 4613.01 (30", no slots/notches) ☐ 4621.01 (60", no slots/notches) ☐ 4615.01 (60", slots/notches 30" OC) For Modules Sized (24 x 72, 48 x 72) ☐ 4616.01 (72", no slots/notches) For Modules Sized (24 x 96, 48 x 96) ☐ 4628.01 (96", slots 24" OC/no notches)
		 two hemmed edges
		Wall Angles Wall Angle, two hemmed edges (A x B): ☐ 1480.01 (144", 15/16" x 9/16") ☐ 1420.01 (144", 15/16" x 15/16") ☐ 21420.01 (144", 15/16" x 15/16") ☐ 1467.01* (144", 1-3/16" x 15/16")
		Shadow Moldings
	 1460, 1461, 1468/1469 one/two hemmed edge	Shadow Moldings, 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") ☐ 1468.01 (120", 3/4" x 3/8" x 3/8" x 15/16")
	 1466 two hemmed edges	Shadow Molding, two hemmed edges (A x B x C x D) ☐ 1469.01 (120", 9/16" x 3/8" x 3/8" x 15/16")
	 7/8	Notch Cover ☐ 3699.01 (7/8" length)

* To allow for use of Bolt Slot Grid with 1496 Clip.

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Chicago Metallic 4600 Ultraline™ 9/16" Exposed with 1/8" Reveal

MATERIAL

A. General

ASTM C 635 Heavy Duty (HD) and Intermediate Duty (ID) main tee classifications; commercial quality hot dipped galvanized steel, 9/16" wide with 1/8" center reveal, 1-3/4" 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 [■]					
Main Tee	Length	Hanger Spacing			
		4'	5'	6'	
4600	12'	ID	7.7	4.6	
4640	12'	ID	7.7	4.6	
4660	12'	ID	9.3	5.6	
4630	12'	HD	9.3	5.6	
4601	10'	ID	7.7	4.6	
4602	10'	ID	7.7	4.6	
Cross Tee	Length	2'	4'	5'	6'
4612	2"	55.0 [▲]			
4624	4'		13.1		
4614	4'		14.6		
4618	4'		14.6		
4621	5'			7.7	
4615	5'			7.7	
4616	6'				4.6
4628	8'				13.1

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

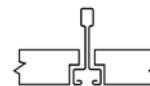
[▲]Limited by safety factor of 2.

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

LIGHT FIXTURES	MAIN & CROSS TEES - ALLOWABLE FIXTURE WT. - LBS.	
	4600 4614	4630 4614
Dimensions		
2' x 2'	42.4	42.4
2' x 4'	58.4	58.4

DETAILS

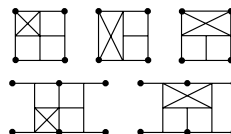
flush reveal



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.



ROXUL
Rockfon®



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**CEILING CENTER
12964 St Charles Rock Rd
Bridgeton, MO. 63044
Phone 314/298-2502 EXT 102
Fax 314/739-1720**

**ACOUSTICAL CEILINGS
SUBMITTALS**

**PROJECT:
WEBSTER UNIVERSITY
INTERDISCIPLINARY SCIENCE BUILDING
8274 BIG BEND BLVD
WEBSTER GROVES, MO. 63119**

**GENERAL CONTRACTOR:
PARIC CONSTRUCTION
77 WESTPORT PLAZA
SUITE 250
ST LOUIS, MO. 63146**

**ACOUSTICAL CONTRACTOR:
ST CHARLES ACOUSTICS L.L.C**

ACOUSTICAL MATERIALS

BOARD/TILE APC-1:	Certainteed 24" x 24" x 1" Narrow Reveal Edge Symphony F Item# 1342F-IOF-1
BOARD/TILE APC-2:	Certainteed 24" x 48" x 3/4" Narrow Reveal Edge Symphony M Item# 1220BF-IOF-1
BOARD/TILE APC-3A:	Certainteed 24" x 24" x 3/4" Narrow Reveal Edge Symphony M RXS Item# 1222F-RXS-1
BOARD/TILE APC-3B:	Certainteed 24" x 24" x 3/4" Square Edge Symphony M RXS Item# 1222-RXS-1
BOARD/TILE APC-5:	Certainteed 24" x 24" x 5/8" Square Edge Fine Fissured Item# HHF-157
BOARD/TILE APC-7:	Certainteed 24" x 48" x 3/4" Narrow Reveal Edge Symphony M Item# 1220BF-IOF-1
BOARD/TILE APC-8:	Certainteed 24" x 72" x 9/16" Narrow Reveal Edge Ecophon Gedina E 24 Item# 3540 4350
BOARD/TILE APC-9:	Certainteed 24" x 48" x 3/4" Narrow Reveal Edge Symphony M Item# 1220BF-IOF-1 with Kinetics Quiet tile

SUSPENSION SYS. FOR APC1/3A/3B Certainteed
Elite Narrow Stab Grid System
Item ES12-12-18 Color White

SUSPENSION SYS. FOR APC2/7/8/9: Chicago Metallic
4600 Ultraline Bolt Slot Grid System
Item 4600-01 Color White

SUSPENSION SYS. FOR APC5: Certainteed
Classic Stab Grid System
Item CS12-12-15 Color White

SUBMITTAL IDENTIFICATION SHEET

To be completed by Contractor/CM

PROJECT NAME	
ADDRESS	
NUMBER	
OWNER	
ARCHITECT / ENGINEER	
SUBMITTED BY	
CONTRACTOR / CM SUBMITTAL NO.	CANNON DESIGN SUBMITTAL NO.
DRAWING / DETAIL REFERENCE	SPECIFICATION SECTION / PARAGRAPH
MANUFACTURER / SUPPLIER	ITEM / PRODUCT ID
REQUIRED DATE	PRIORITY
CRITICAL	☐

To be completed by Reviewer

CANNON DESIGN SUBMITTAL NUMBER
RECEIVED DATE

- ☐ **A. No Exceptions Taken**
No further review of submittal is required.
- ☐ **B. Make Corrections Noted**
Incorporate corrections in work;
resubmission is not required.
- ☐ **C. Revise and Resubmit**
Revise as noted, and resubmit for review.
- ☐ **D. Rejected**
Submittal is not in compliance with Contract Documents;
provide new submittal.
- ☐ **E. For Record / Information Only**
Submittal was reviewed for Record / Information
purposes only.
- ☐ **F. Not Required for Review**
Submittal is not required by Contract Documents
and has not been reviewed.

Review is for conformance with the design concept of this project and for general compliance with contract documents. Contractor is responsible for quantities, dimensions and compliance with contract documents and for information that pertains to fabrication processes, construction techniques and coordination of this work with all trades which will be affected thereby. This review is null and void if submittal deviates from contract documents and does not indicate or note deviations.

ITEM BEING SUBMITTED (check only one)

- ☐ Shop Drawings ☐ Certification / Qualifications ☐ Coordination Drawing
☐ Samples ☐ Record Documents ☐ Calculations
 (_____ copies) ☐ Product Data ☐ Schedules
☐ LEED Submittal ☐ O&M Manuals
☐ Other

ITEM BEING SUBMITTED FOR (check only one)

- ☐ Action ☐ Information Only ☐ Record

REMARKS OR DEVIATIONS

CONTRACTOR / CM CERTIFICATION
(SUBMITTALS NOT CERTIFIED WILL BE RETURNED WITHOUT REVIEW)



PARIC CORPORATION
SUBMITTAL STAMP

THIS SHOP DRAWING HAS BEEN REVIEWED BY PARIC CORPORATION

Subcontractor remains responsible for dimensions, quantities, coordination with other trades and compliance with contract documents.

Ry:

By:
Devin D. Gates

REVIEWED BY	DATE

A/E COMMENTS

- ☐
- See attached sheet(s) for additional comments

REVIEWED BY	DATE



77 Westport Plaza
Suite 250
St. Louis, MO 63146

TRANSMITTAL

No. 15051-0380

Paric Corporation

PROJECT: 15051-Webster University Interdisciplinary Science Building

DATE: 12/06/2016

TO: Cannon Design
1100 Clark Ave
St Louis MO 63102

Fax;
314-241-2203

RE: Acoustical Panel Ceiling Product Data

ATTN: Kelvin Patel

JOB: 15051

WE ARE SENDING:	SUBMITTED FOR:	ACTION TAKEN:
☐ Shop Drawings	☒ Approval	☐ Approved as Submitted
☐ Letter	☐ Your Use	☐ Approved as Noted
☐ Prints	☐ As Requested	☐ Returned After Loan
☐ Change Order	☐ Review and Comment	☐ Resubmit
☐ Plans		☐ Submit
☐ Samples	SENT VIA:	☐ Returned
☐ Specifications	☐ Attached	☐ Returned for Corrections
☒ Other: Product Data	☐ Separate Cover Via:	☐ Due Date:

<i>Item</i>	<i>Package</i>	<i>Code</i>	<i>Rev.</i>	<i>Copies</i>	<i>Date</i>	<i>Description</i>	<i>Status</i>
Submittal		095113-006	1		12/06/2016	Acoustical Panel Ceiling Product Data	Submitted

NOTES:

CC:

Signed: _____
Devin Gates

Webster University Interdisciplinary Science Building

Generated on:	September 22, 2016
Gross square feet:	49,000
Address:	8274 Big Bend Webster Groves, Missouri 63119
Total product price:	\$115,750 USD

Price should reflect final product cost excluding installation.

Product Summary

Performa® VOC Compliant Symphony F Narrow Reveal	Quantity:17,000 SF	Price:\$ 1.25 USD/ SF	Extended Price:\$ 21,250 USD
Performa® Symphony M Narrow Reveal	Quantity:26,700 SF	Price:\$ 1.20 USD/ SF	Extended Price:\$ 32,040 USD
Performa® Rx Symphony M Narrow Reveal	Quantity:1,200 SF	Price:\$ 1.20 USD/ SF	Extended Price:\$ 1,440 USD
Performa® Fine Fissured Trim	Quantity:1,400 SF	Price:\$ 0.40 USD/ SF	Extended Price:\$ 560 USD
Ecophon Gedina E/15 XL	Quantity:3,600 SF	Price:\$ 3.00 USD/ SF	Extended Price:\$ 10,800 USD
Performa® Rx Symphony M Trim	Quantity:1,200 SF	Price:\$ 1.20 USD/ SF	Extended Price:\$ 1,440 USD
9/16" Elite Narrow Stab Main Runner	Quantity:5,448 LF	Price:\$ 0.65 USD/ LF	Extended Price:\$ 3,541 USD
15/16" Classic Stab Main Runner	Quantity:360 LF	Price:\$ 0.50 USD/ LF	Extended Price:\$ 180 USD
15/16" Classic Stab Cross Tee	Quantity:0 LF	Price:\$ 720.00 USD/ LF	Extended Price:\$ 0 USD
9/16" Elite Narrow Stab Cross Tee	Quantity:10,896 LF	Price:\$ 0.65 USD/ LF	Extended Price:\$ 7,082 USD
9/16" Elite Narrow Stab Cross Tee	Quantity:5,448 LF	Price:\$ 0.65 USD/ LF	Extended Price:\$ 3,541 USD
15/16" Classic Stab Cross Tee	Quantity:360 LF	Price:\$ 0.50 USD/ LF	Extended Price:\$ 180 USD
15/16" Traditional Wall Angle	Quantity:9,600 LF	Price:\$ 0.36 USD/ LF	Extended Price:\$ 3,456 USD
9/16" Smoothline Bolt Slot Main Runner	Quantity:7,560 LF	Price:\$ 1.00 USD/ LF	Extended Price:\$ 7,560 USD
9/16" Smoothline Bolt Slot Cross Tee	Quantity:7,560 LF	Price:\$ 1.00 USD/ LF	Extended Price:\$ 7,560 USD
9/16" Smoothline Bolt Slot Cross Tee	Quantity:15,120 LF	Price:\$ 1.00 USD/ LF	Extended Price:\$ 15,120 USD

Project Contribution Summary