

WOODWORKS®
Open Cell Vector®

Inspiring Great Spaces™

Armstrong®
CEILING & WALL SYSTEMS

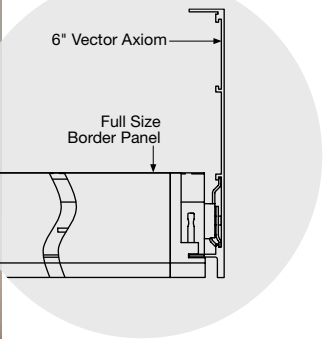
WOODWORKS® Open Cell

Vector®



WoodWorks® Open Cell Vector® Four Square 24" x 24" panels in Grille Maple with Axiom® Vector® trim in Pewter Luster on Prelude® 15/16" suspension system in Pewter Luster (Pgs. 279-280)

CAD/Revit® drawings at:
armstrong.com/details



See more photos at:
armstrong.com/photogallery
 SEARCH: woodworks concealed

A decorative, solid wood ceiling that is 100% accessible

KEY SELECTION ATTRIBUTES

- Enhance space volume with open structure design
- Choose from a variety of standard designs and finishes
- Mix panel sizes for a variety of looks
- Vector edge detail provides safe and secure downward accessibility without tools and narrow reveal visual (1/4")
- Suspension system, trim, and accessories designed and tested to work with Open Cell panels
- BioAcoustic™ infill panel can be used to enhance acoustics

FINISHES

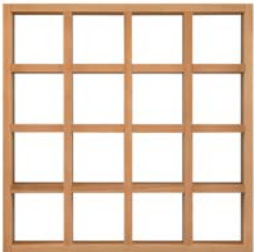
Due to printing limitations, shade may vary from actual product.



PANEL SELECTION



Item 6622 – Four Square
 Available 24" x 24" and 24" x 48"



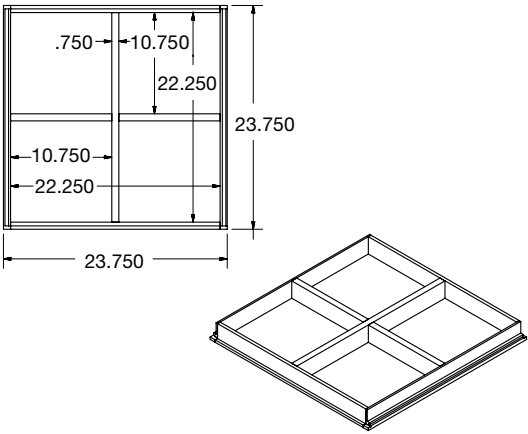
Item 6623 – Multi-Square
 Available 24" x 24" and 24" x 48"



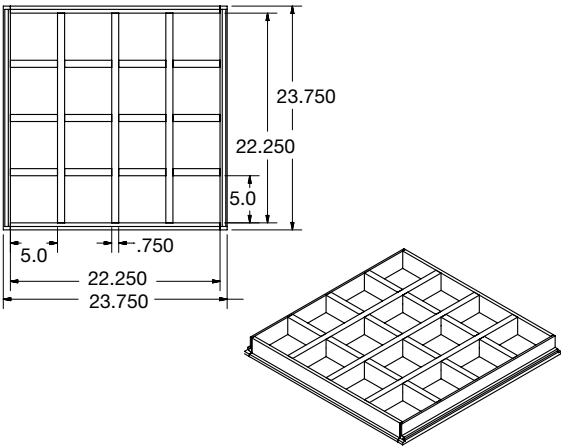
Item 6624 – Linear
 Available 24" x 24" only

PANEL DETAILS

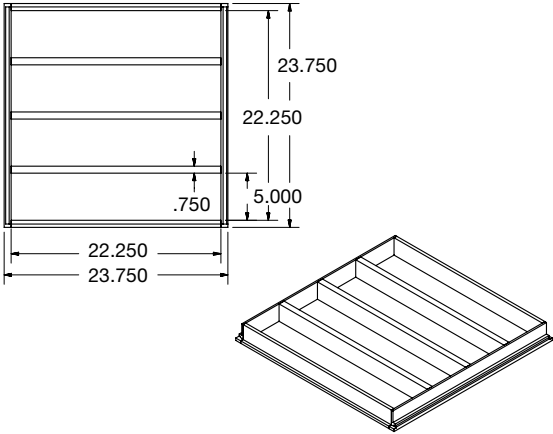
6622 – Four Square 2' x 2'



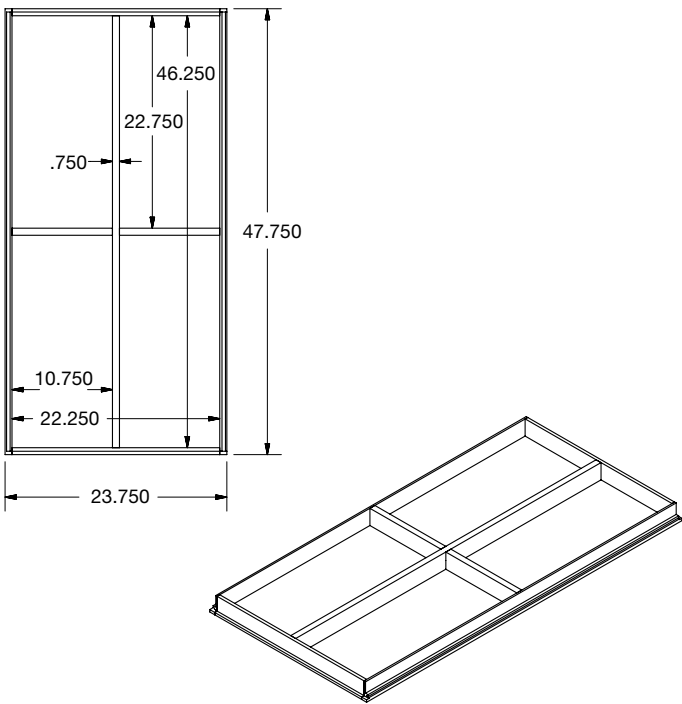
6623 – Multi-Square 2' x 2'



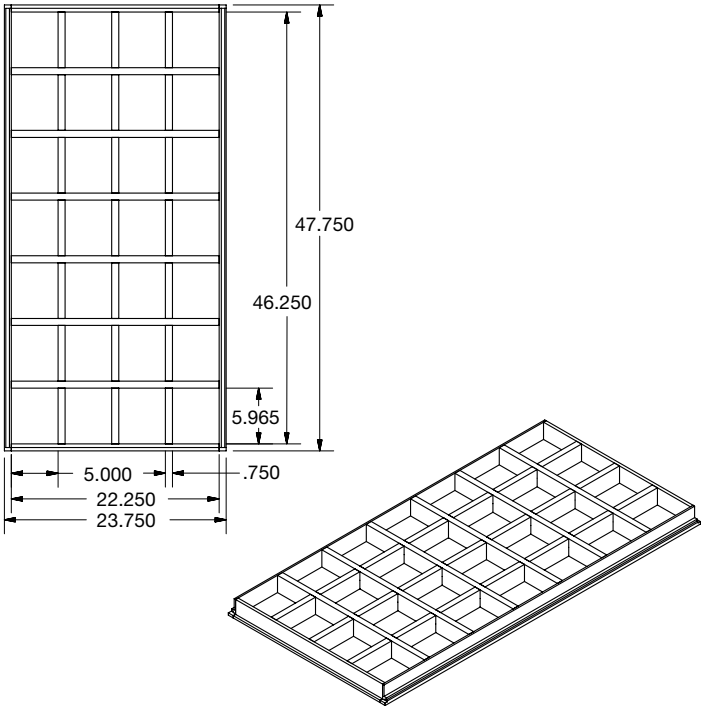
6624 – Linear 2' x 2'



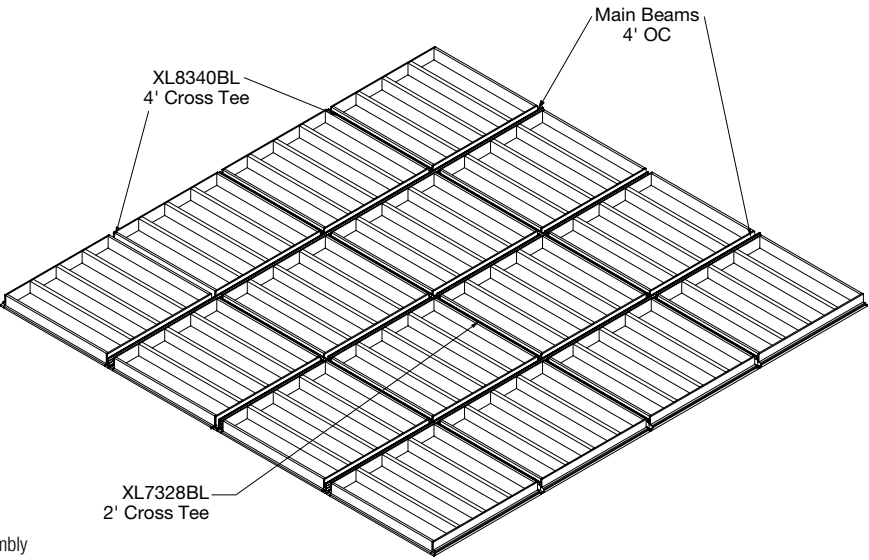
6625 – Four Square 2' x 4'



6626 – Multi-Square 2' x 4'



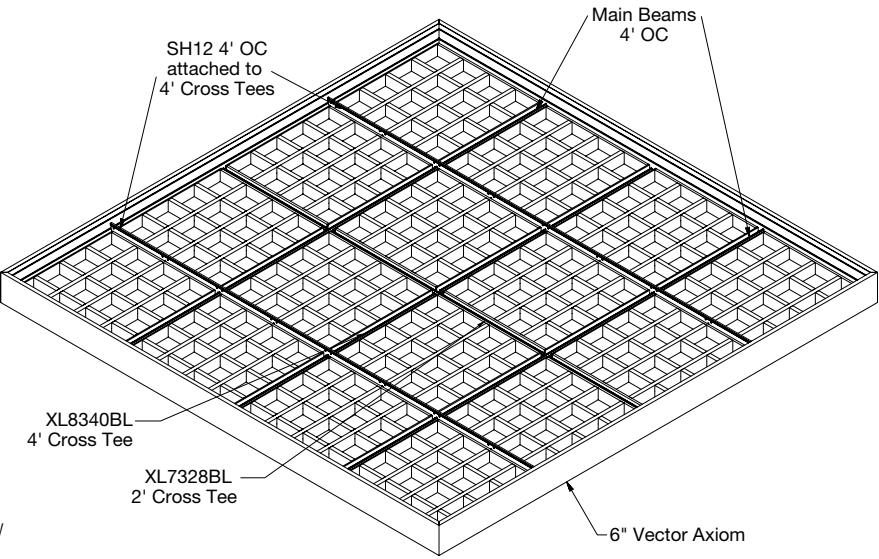
INSTALLATION DETAIL – CONTINUOUS SYSTEM



For a basic 8' x 8' continuous panel assembly (pictured right), you will need to order:

Item No.	Description	Pcs
6624	2' x 2' WoodWorks Open Cell Panel	16
XL7301BL	Main Beam cut to length	2
XL7328BL	2' Cross Tee	4
XL8340BL	4' Cross Tee	9

INSTALLATION DETAIL – FLOATING SYSTEM



For a basic 8' x 8' floating panel assembly (pictured right), you will need to order:

Item No.	Description	Pcs
6623	2' x 2' WoodWorks Open Cell Panel	16
XL7301BL	Main Beam cut to length	2
SH12	Cut to length	2
XL7328BL	2' Cross Tee	2
XL8340BL	4' Cross Tee	3
XL8340BL	4' Cross Tee cut to length (perimeter)	8
AX6VSTR	6" Vector Axiom cut to length	4
AXTBC	T-Bar Connector Clip	12



BEFORE: Plaster ceiling

AFTER: WoodWorks Open Cell Vector
Four Square 2' x 2' panels in Grille
Maple with Axiom Vector trim in Pewter
Luster on Prelude® Suspension System
in Pewter Luster

case study

Project: ForknSpoon Café

Location: Lancaster, PA

Product: WoodWorks® Open Cell
Vector® Ceilings

The Challenge: Transform a worn-out pizza parlor with uneven plaster ceilings into a cozy, trendy organic cafe.

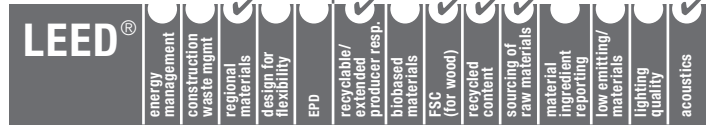
Solution: To warm up the plain plaster ceilings, co-owners Jennifer Thompson and Beth Gallic partnered with Armstrong® Ceilings to install WoodWorks Open Cell Vector ceilings. Maple Four Square panels were installed in the serving area and Maple Linear panels were installed in the dining area. The solid wood panels gave the space a cozy feel while the Axiom® Vector trim in Pewter Luster added a modern edge.



WOODWORKS® Open Cell Vector®



USDA
CERTIFIED
BIOBASED
PRODUCT
PRODUCT 100%



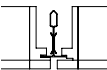
Calculate LEED contribution at
armstrong.com/greengenie

LOCATION DEPENDENT

Dots represent high
level of performance.

VISUAL SELECTION

PERFORMANCE

Edge Profile	Item Number*	Description	Dimensions Nominal W x L (Inches) Custom Sizes Available	
WOODWORKS® Open Cell Vector®				
1/4" Reveal with 15/16" Vector 	6622 _ _ _	Four Square with 12" Cells	24 x 24 x 2-1/4"	
	6623 _ _ _	Multi-Square with 6" Cells	24 x 24 x 2-1/4"	
	6624 _ _ _	Linear with 6" Cells	24 x 24 x 2-1/4"	
	6625 _ _ _	Four Square with 12" Cells	24 x 48 x 2-1/4"	
	6626 _ _ _	Multi-Square with 6" Cells	24 x 48 x 2-1/4"	

Acoustics* NRC	Fire Rating
0.85 •	See below
0.85 •	See below
0.85 •	See below
0.85 •	See below
0.85 •	See below

* When specifying or ordering, include the appropriate 3-letter color suffix (e.g., 6622 G M P).

* NRC 0.85 with acoustical infill item 5823.

NOTE: For additional color and size options available as special order, call TechLine at 1 877 ARMSTRONG.

ACCESSORIES For additional accessory items, see pages 135-136.

ACCESSORIES

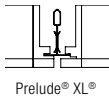
Accessories, trim and infill panels are available.
See pages 135-136 in this catalog or visit
armstrong.com/woodworks

Item Number	Description	Dimensions Nominal W x L (Inches) Custom Sizes Available	Color	Acoustics NRC	Pieces/ Carton
5823	BioAcoustic™ Infill Panel	24 x 24 x 5/8"	Black (Matte)	0.75†	12

† Please note that NRC value for item 5823 is stated for infill-to-infill comparison. Actual NRC value will vary based on panel and perforation selection.

SUSPENSION SYSTEM

15/16"



Prelude® XL®

PHYSICAL DATA

Material

FSC®-certified solid Poplar (yellow or hybrid)
(SW-COC-003601)

Surface Finish

Clear or tinted semigloss coating

Fire Performance

Solid Poplar Hardwood – Class C ASTM E84 surface
burning characteristics. Flame Spread Index 200
or less. Smoke Developed Index 450 or less.

Class A intumescent treatment is available.

WoodWorks Open Cell panels, as with other
architectural features located at the ceiling, may
obstruct or skew the planned fire sprinkler water
distribution pattern, or possibly delay or accelerate
the activation of the sprinkler or fire detection
systems by channeling heat from a fire either toward
or away from the device.

Designers and installers are advised to consult a fire-
protection engineer, NFPA 13, and local codes for guidance
where automatic fire detection and suppression systems
are present. For more information, visit armstrong.com/woodworks

Application Considerations

Variation among panels may occur due to the natural
characteristics of the wood and grain.

Design Considerations

It is very important that WoodWorks panels are climatized
prior to installation. Relative humidity between 25% and
55%, and temperatures between 50°F and 86°F, must be
maintained. Exposed, unpainted back of Axiom® trim may
be visible when using higher trims on full-size panel
installation only.

Installation Consideration

Do not cut panels.

Seismic Restraint

WoodWorks Open Cell panels have been engineered, tested, and
approved for application in all seismic areas when installed per
Armstrong installation instructions.

Warranty

Details at armstrong.com/catalog

Weight

6623, 6626 – 1.0 lbs/SF

6624 – 0.625 lbs/SF

6622, 6625 – 0.5 lbs/SF

Bulk Packaged

TechLineSM / 1 877 ARMSTRONG
armstrong.com/woodworks

BPCS-4442-715

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