



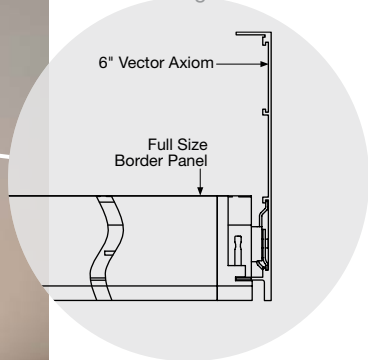
WOODWORKS®  
Open Cell Vector®

Inspiring Great Spaces™

**Armstrong®**  
CEILING & WALL SYSTEMS

# WOODWORKS® Open Cell Vector®

CAD/Revit® drawings at:  
[armstrong.com/details](http://armstrong.com/details)



See more photos at:  
[armstrong.com/photogallery](http://armstrong.com/photogallery)  
SEARCH: woodworks concealed

A decorative, solid wood ceiling that is 100% accessible

## KEY SELECTION ATTRIBUTES

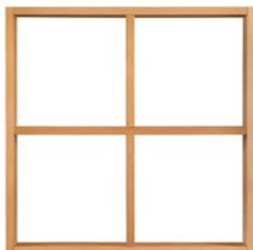
- Enhance space volume with open structure design
- Choose from a variety of standard designs and finishes
- Mix panel sizes for a variety of looks
- Vector edge detail provides safe and secure downward accessibility without tools and narrow reveal visual (1/4")
- Suspension system, trim, and accessories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

## FINISHES

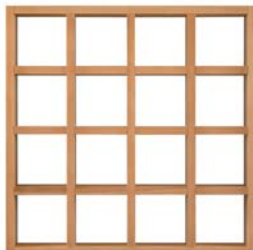
Due to printing limitations, shade may vary from actual product.



## PANEL SELECTION



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



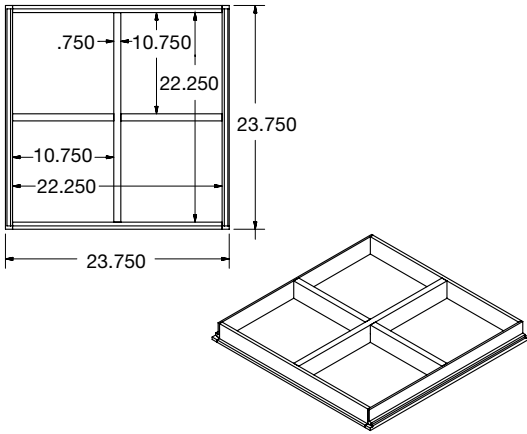
Item 6623 – Multi-Square  
Available 24" x 24" and 24" x 48"



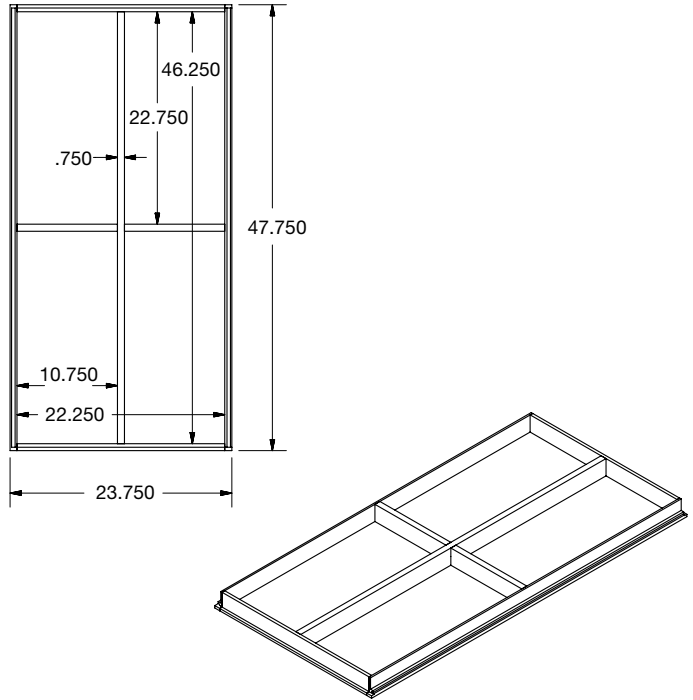
Item 6624 – Linear  
Available 24" x 24" only

**PANEL DETAILS**

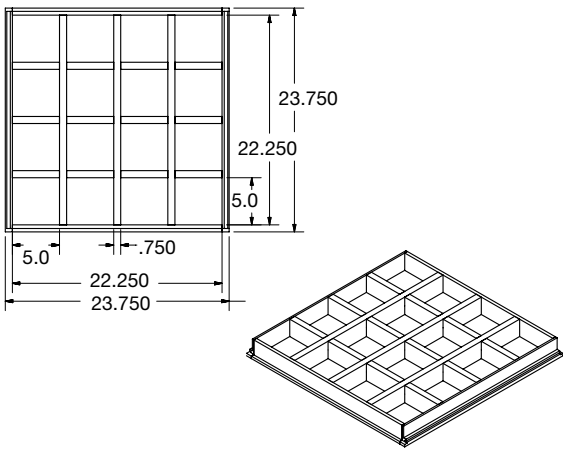
**6622 – Four Square 2' x 2'**



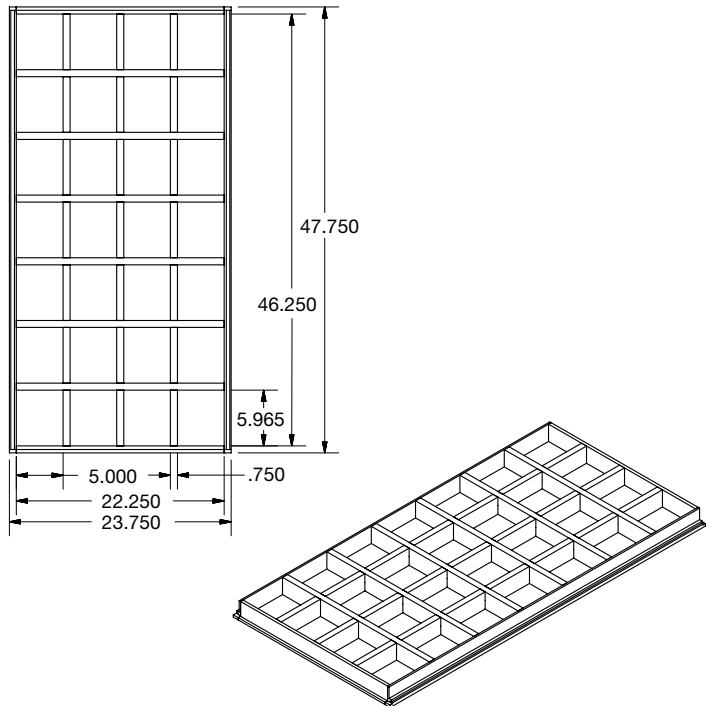
**6625 – Four Square 2' x 4'**



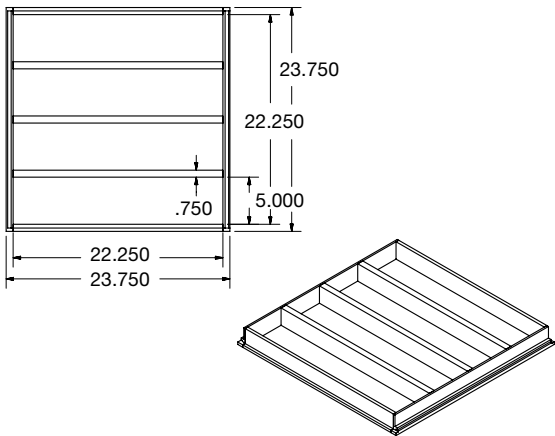
**6623 – Multi-Square 2' x 2'**



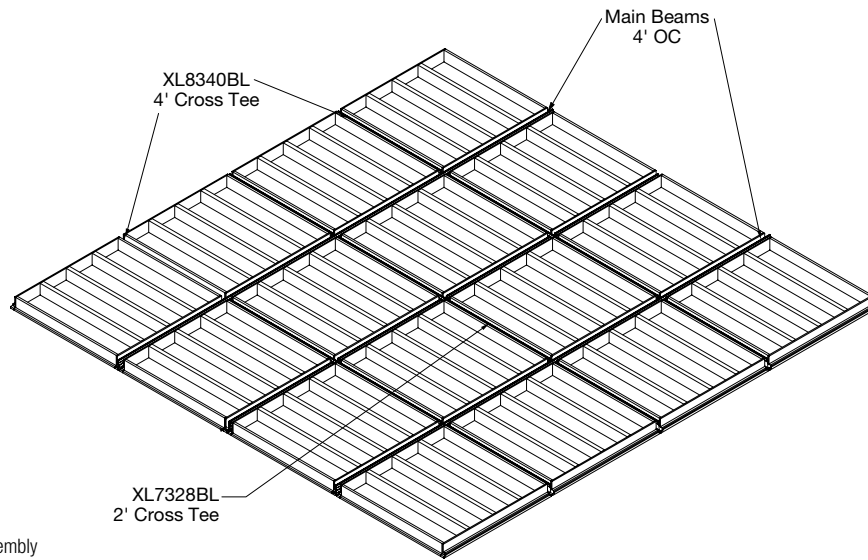
**6626 – Multi-Square 2' x 4'**



**6624 – Linear 2' x 2'**



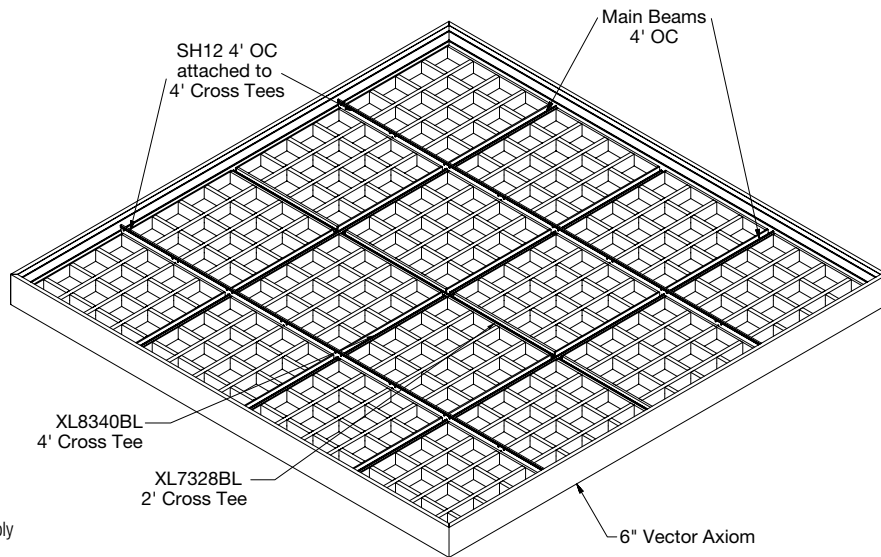
**INSTALLATION DETAIL – CONTINUOUS SYSTEM**



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

Item No.	Description	Pcs
<b>6624</b>	2' x 2' WoodWorks Open Cell Panel	16
<b>XL7301BL</b>	Main Beam cut to length	2
<b>XL7328BL</b>	2' Cross Tee	4
<b>XL8340BL</b>	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
<b>6623</b>	2' x 2' WoodWorks Open Cell Panel	16
<b>XL7301BL</b>	Main Beam cut to length	2
<b>SH12</b>	Cut to length	2
<b>XL7328BL</b>	2' Cross Tee	2
<b>XL8340BL</b>	4' Cross Tee	3
<b>XL8340BL</b>	4' Cross Tee cut to length (perimeter)	8
<b>AX6VESTR</b>	6" Vector Axiom cut to length	4
<b>AXTBC</b>	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®

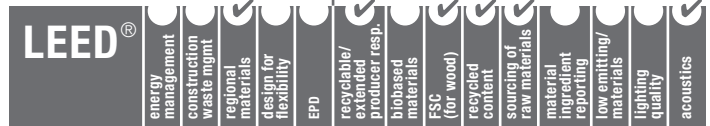


USDA  
CERTIFIED  
BIOBASED  
PRODUCT  
PRODUCT 100%



The mark of  
responsible forestry

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	Image	Acoustics*	Fire Rating
					NRC	
<b>WOODWORKS® Open Cell Vector®</b>						
	6622_ _ _	Four Square with 12" Cells	24 x 24 x 2-1/4"		0.85 •	See below
	6623_ _ _	Multi-Square with 6" Cells	24 x 24 x 2-1/4"		0.85 •	See below
	6624_ _ _	Linear with 6" Cells	24 x 24 x 2-1/4"		0.85 •	See below
	6625_ _ _	Four Square with 12" Cells	24 x 48 x 2-1/4"		0.85 •	See below
	6626_ _ _	Multi-Square with 6" Cells	24 x 48 x 2-1/4"		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.

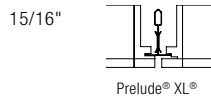
## ACCESSORIES

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



## 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](http://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](http://armstrong.com/catalog)

**Weight**  
6623, 6626 – 1.0 lbs/SF  
6624 – 0.625 lbs/SF  
6622, 6625 – 0.5 lbs/SF  
Bulk Packaged

