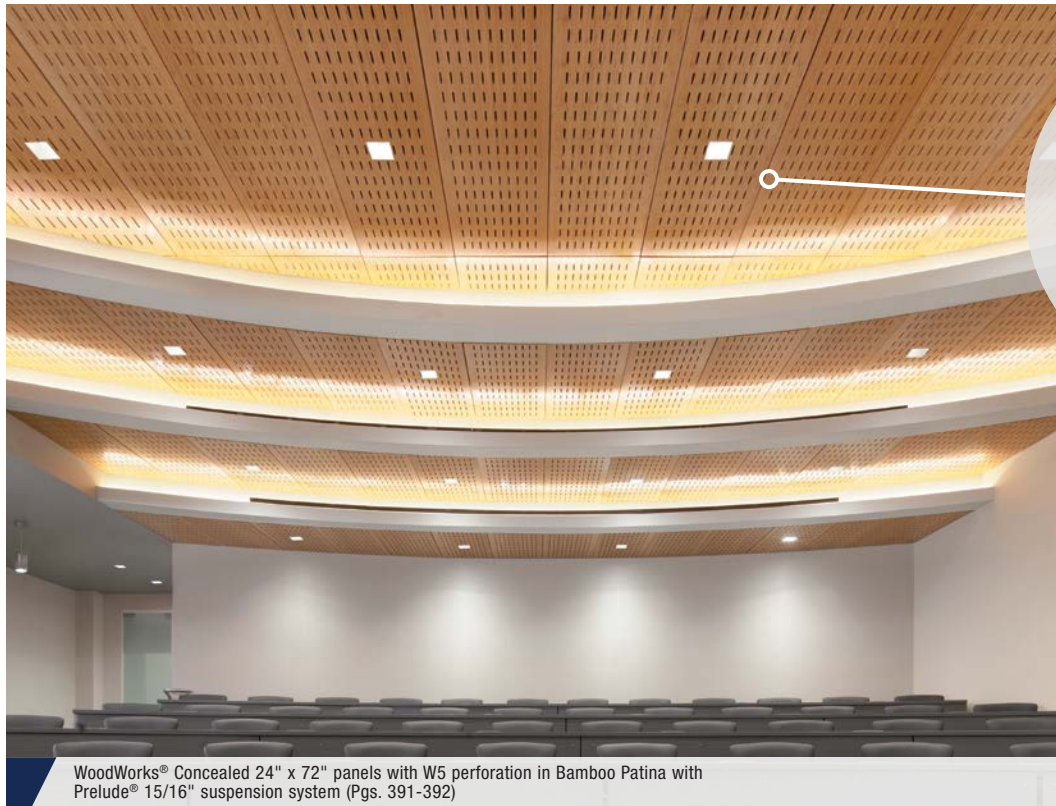
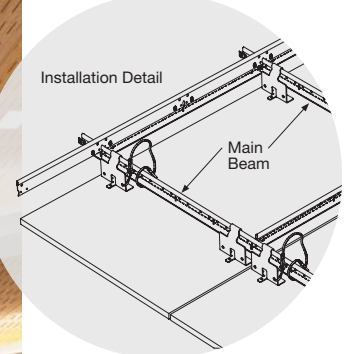


WOODWORKS® Concealed

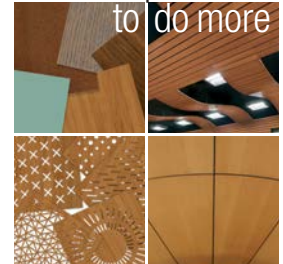
Concealed Suspension



CAD/Revit® drawings at:
armstrongceilings.com



plus...
capabilities
to do more



armstrongceilings.com/capabilities
See more photos at:
armstrongceilings.com/photogallery

This easy-to-install ceiling with a concealed suspension offers a continuous, monolithic visual.

KEY SELECTION ATTRIBUTES

- Mix and match standard panel sizes on the same project
- Narrow 1/4" reveal visual and 6" aluminum trim available in coordinating wood finishes, or black
- Coordinating WoodWorks® walls (see pages 453-454 for wall offering)
- Patented hook-on panels (for standard 15/16" suspension system) provide safe and secure downward accessibility
- Shorter lead times and lower cost than custom millwork
- Factory-edge banded for superior quality
- Complete standard system from one manufacturer (suspension system/ panels/trim)

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

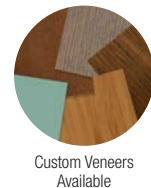
Natural Variations™ (Real Wood Veneers)



Constants™ (Real Wood Veneers)



Bamboo*



Custom Veneers
Available

* Veneer is rapidly renewable. Bamboo is a grass that only requires 3-7 years for maturity and does not have to be replanted after each harvest.

PERFORATION OPTIONS (Actual 1:6 scale shown)



NOTE: Slotted perforations run parallel to the length of the panel. To view more perforation information and build swatches in real time, visit armstrongceilings.com/swatchit

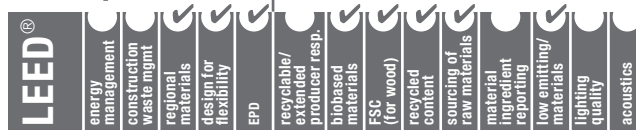
WOODWORKS® Concealed

Concealed Suspension



UP TO 92% RECYCLED CONTENT

For LEED contribution contact TechLine



VISUAL SELECTION

Edge Profile	Item No. ◆	Dimensions Nominal W x L x H (Inches) Custom Sizes Available	Perforations
FSC®-certified WOODWORKS® Concealed			
1/4" Reveal	5983 _ _ _ _	24 x 48 x 3/4"	W1, W2, W3, W4, W5, W6
	5984 _ _ _ _	24 x 72 x 3/4"	W1, W2, W3, W4, W5, W6
	5985 _ _ _ _	24 x 96 x 3/4"	W1, W2, W3, W4, W5, W6

◆ When specifying or ordering, include the appropriate 2-digit perforation and 3-letter color suffixes. For veneers, sizes, and perforation patterns available as special order, call TechLine at 1 877 276-7876.

ACCESSORIES

Item No. ◆	Description	Dimensions Nominal (Inches)	Color	Pieces/ Carton
6603W1 _ _	WoodWorks Concealed Trim*	6" x 120"	Standard Veneers (see below)	6
8200100	Fiberglass Infill Panel	24 x 24 x 1"	Black	12
5479	BioAcoustic™ Infill Panel	24 x 24 x 5/8"	Beige	12
5823	BioAcoustic Infill Panel	24 x 24 x 5/8"	Black (Matte)	12
6408 _ _	Edge Banding	300" x 3/4"	Standard Veneers (see page 152)	1

◆ When specifying or ordering, include the 3-letter color suffix that coordinates with your WoodWorks ceiling (e.g., 6408 **N M P**)

* Trim cartons include FXTBC Clips and FX4SPICE Splice Plates.

SUSPENSION SYSTEMS

When ordering suspension system materials, please note that this product requires Prelude® Heavy-duty (HD) main beams and 2' cross tees that are full height (1-11/16"). Both suspension system components should be specified in Tech Black (BL).

15/16" Standard: Prelude® BL (Tech Black)

Item Number	Description	Dimensions (Inches)	Pieces/Carton
5986	T-Bar Hook†	Nominal 4 x 2 x 3"	50
7123	Wood Screws	5/8"	300/Pckg
6091	Safety Cable	24" x 3/32"	50
SH12	Support Hanger	144" x 2"	12

† For 24 x 48" panel, install 4 hooks; for 24" x 72" panel, install 6 hooks; for 24" x 96" panel, install 8 hooks.

NOTE: Three screws per hook. Refer to installation instructions at armstrongceilings.com/installation for a better understanding of suspension systems requirements.

PHYSICAL DATA

Material

FSC®-certified fire-retardant particle board with face-cut veneers (RA-COC-003601). For more information about FSC®-certified products, or to view our FSC®-certification letter, visit armstrongceilings.com/woodworksfs

6603 - Face-cut veneer or black paint on aluminum laminate substrate

Surface Finish

Clear or tinted semigloss coating

Fire Performance

ASTM E84 surface burning characteristics. Flame Spread Index 25 or less. Smoke Developed Index 50 or less.

CAN/ULC S102 surface burning characteristics. Flame Spread Rating 25 or less. Smoke Developed Classification 50 or less.

ASTM E1264 Classification

Composite – Fire Class A

Primary (Embodied) Energy

See all LCA information on our EPDs.

Application Considerations

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

Use of large wood panels may result in deflection up to 1/8" and cause alignment inconsistency due to size and ambient conditions.

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 throughout the life of the product.

Design Considerations

For additional configuration ideas, refer to the WoodWorks Concealed Technical Guide, BPCS-4274, or visit armstrongceilings.com/woodworks

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Rainforest Alliance Certified™ is a trademark of Rainforest Alliance.

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PERFORMANCE

Fire Rating	Soil
Class A	•
Class A	•
Class A	•

ACOUSTICAL INFORMATION

Dots represent high level of performance.

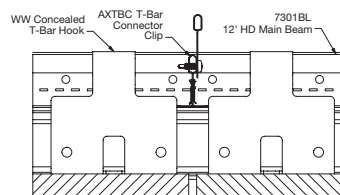
Perforation	NRC**
W1	N/A
W2	0.40
W3	0.40
W4	0.65
W5	0.40
W6	0.40

** Maximum NRC achieved with acoustical infill (item 8200100, 5479, or 5823). When infill is used, CAC is 28.

EXAMPLE:

5983 W2 NLC

Panel Dimension/Type: 2' x 4' FSC-certified
Perforation: W2 Round Straight Rg 6006
Finish: Natural Variations Light Cherry



Installation Detail – WoodWorks Concealed Ceiling System

Do not mix different panel sizes with slotted perforations. Perforation borders will not align. The use of Armstrong® Prelude® 15/16" suspension system is strongly recommended. Cloud installations less than 6' wide are not recommended.

Specification Consideration

Attention: For FSC®-certified wood products to maintain their CoC certification, products must be sold to a CoC certified distributor, or directly to the installing contractor. Failure to do so breaks the CoC.

Seismic Restraint

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

Warranty

Details at armstrongceilings.com

Weight/Square Feet

5983, 5984, 5985 - 2.75 lbs/SF; bulk packaged per order. Suspension system, hardware, and accessories ordered separately.

TechLine / 1 877 276 7876
armstrongceilings.com/woodworks
(search: woodworks concealed)

BPCS-5105-118

