

INVISACOUSTICS™
Acoustical Ceiling Panels
smooth texture



CAD/Revit® drawings at:
armstrongceilings.com/cadrevit



InvisAcoustics™ 24" x 48" acoustical panels in White

Smooth-textured, hidden acoustical solution that installs direct-to-deck multiple ways while maintaining exposed structure designs and reducing noise.

KEY SELECTION ATTRIBUTES

- New Concrete Visual – Get hidden acoustics with the look of raw concrete
- Install InvisAcoustics™ panels direct-to-deck multiple ways using:
 - Recommended adhesive
 - Hat channel
 - Furring strips
 - FrameAll™ Drywall Grid
- InvisAcoustics wall installation – 6' from the ground or higher
- Good acoustical absorption – NRC up to 0.75
- Install InvisAcoustics panels on Trusses and I-Beams for added acoustics while maintaining an exposed structure visual
- InvisAcoustics panels are part of the Sustain® portfolio and meet the most stringent industry sustainability compliance standards today (White and field paintable panels only)

- Field paintable panels can be painted the same color as the deck for hidden acoustics
- CleanAssure™ family of products – includes disinfectable panels, suspension systems, and trim
- Smooth, clean durable finish – Scratch-resistant, Soil-resistant
- Mold- and mildew-resistant surface
- Fastener allows for easy installation to wall, deck, or I-beam without over-driving and damaging panel
- USDA Biobased Product - 95%

TYPICAL APPLICATIONS

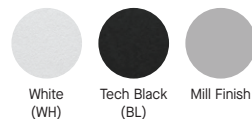
- Exposed structure
- Open plenum offices
- Painted decks
- Drywall spaces requiring acoustical correction
- Panels cut easily to fit into any space
- Retail
- Hospitality

PANEL COLORS

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



FASTENER COLORS



NOTE: Ceiling Panels are dye-lotted and should be separated by dye lot. Do not mix.

DETAILS



1. InvisAcoustics™ panel in White
2. InvisAcoustics panel in Concrete

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Declare.



GREENGUARD Gold Certified
(details below)

LEED® WELL™ LBC




70% RECYCLED CONTENT



For LEED contribution contact TechLine

LOCATION DEPENDENT

VISUAL SELECTION

Item No.	Dimensions (Inches)
INVISACOUSTICS™ Standard Sizes 3/4" Square  (on 48" sides)	24 × 48 × 3/4"
3/4" Square  (on 24" sides)	24 × 48 × 3/4"
3/4" Square 	24 × 48 × 3/4"

PERFORMANCE

Dots represent high level of performance.



Fire Rating	Light Reflect	Anti-Mold/Mildew	Sag Resist	Certified Low VOC Emissions	Fog	Impact	Scratch	Soil	Recycle Program	10-Yr Warranty
Class A	N/A	*	*	*	*	*	*	*	*	*
Class A	N/A	*	*	*	*	*	*	*	*	*
Class A	N/A	*	*	*	*	*	*	*	*	*
Class A	N/A	*	*	*	*	*	*	*	*	*

ACOUSTICAL INFORMATION

Panel Thickness	NRC	Mounting Methods
3/4"	0.75	D-20
3/4"	0.70	A

* Total Acoustics® ceiling panels have an ideal combination of noise reduction and sound-blocking performance in one product.
* Tech Black panels are not included in the Sustain® portfolio

ACCESSORIES

Description	Mill Finish (1221) Colors (1221_ _)
 Wall, Deck, and I-Beam – "All-in-One" self-stopping fastener	100pcs/ctn
Fasteners must be ordered separately	
 Truss Fastening Kit	20pcs/ctn
Kits must be ordered separately	

ACCESSORIES (By Others)

new Recommended Adhesive –
Titebond® GREENchoice™ Acoustical Ceiling Tile Adhesive

PHYSICAL DATA

Material
Wet-formed mineral fiber

Surface Finish
Factory-applied latex paint (Items 1212WH, 1212BL)
Factory-applied scrim (Items 1212FP, 1212CE1)

Fire Performance
Class A: ASTM E84 and CAN/ULC S102 surface burning characteristics. Flame Spread Index 25 or less. Smoke Developed Index 50 or less (UL labeled except field-painted panels.)

ASTM E1264 Classification
Type IV, Form 2, Pattern E; Fire Class A

Humidity/Sag Resistance
HumiGuard® Plus ceiling panels are recommended for areas subject to high humidity, up to, but not including, standing water and outdoor applications.

Anti-Mold/Mildew
Ceiling tiles with BioBlock performance resist the growth of mold and mildew on the tile surface.

High Recycled Content
Contains greater than 50% total recycled content. Total recycled content based on product composition of post-consumer and pre-consumer (post-industrial) recycled content per FTC guidelines.

VOC Emissions
GREENGUARD Gold Certified
Third-party certified compliant with California Department of Public Health CDPH/EHLB/Standard Method Version 1.2, 2017. This standard is the guideline for low emissions in LEED®, WELL Building Standard™, Living Building Challenge® (LBC), CalGreen Title 24, ANSI/ASHRAE/USGBC/IES Standard 189; ANSI/GBI Green Building Assessment Protocol.

Field Painting Considerations
Recommend Sherwin-Williams® Waterborne Acrylic Dry Fall (B42W1) or substitute Alkali based, flat latex paint with similar properties. Field painting may alter acoustical and fire performance.

Recommended Spread Rate per Coat:
Wet Mills: 3.5-5.0
Dry Mills: 1.5-2.0

Installation Considerations
Install using all-in-one screw (1221) on furring. Panels can be butted short edge to short edge or long edge to long edge. Due to directionality, do not butt short edge to long edge. Factory-painted ceiling panels are dye-lotted and should be separated by dye lot. Do not mix. It is recommended to install wall panels at least 6' above finished floor to avoid contact.

Avoid applying direct-apply panels to a newly painted ceiling. Glossy painted surfaces must be abraded. For painted or sealed surfaces, install a small test area and observe after 12 hours. For plaster ceilings, plaster must be painted, non-chipping, and smooth.

PRODUCT CERTIFIED FOR LOW CHEMICAL EMISSIONS
UL.COM/GG
UL 2818



Design Considerations
Factory painted product have short edges that are reverse regular; butting the boards 24" edge to 24" edge will show a notch that will appear to be a 0.450" x 0.385" cutout.

Acoustical Performance
D-20 mounting achieves NRC 0.75 performance. Flush mount (A mounting) achieves NRC 0.70 performance.

Application Considerations
Variation in pattern and color among panels may occur due to the printing process of concrete look (CE1) panels. Pattern repeat is every 6 ft.

Insulation Value
R Factor – 3.2 (BTU Units)
R Factor – 2.9 (Watts Units)

Cleaning and Disinfecting
Cleaning and CDC approved disinfecting options available on armstrongceilings.com/cleaning

10-Year Warranty
System warranty when installed with Armstrong® suspension systems and accessories. Direct-Apply installations have a 10-year panel warranty. Details at armstrongceilings.com/warranty

Weight; Square Feet/ Carton
1.08lbs/SF; 48 SF/ctn

Minimum Order Quantity
1 carton



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USDA
CERTIFIED
BIOBASED
PRODUCT
PRODUCT 95%

SUSTAIN™
High Performance
Sustainable Ceiling Systems
(white only)

Declare.

GREENGUARD
Gold Certified
(details below)

LEED WELL | LBC

70% RECYCLED CONTENT

For LEED contribution contact TechLine

energy management	construction waste mgmt	regional materials	design for flexibility	EPD	recyclable/extended producer resp.	biobased materials	recycled content	sourcing of raw materials	material ingredient reporting	low emitting materials	lighting quality	acoustics
✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓

LOCATION DEPENDENT

INSTALLATION DETAILS Wall, Deck, or I-Beam

Wall, Deck, or I-Beam



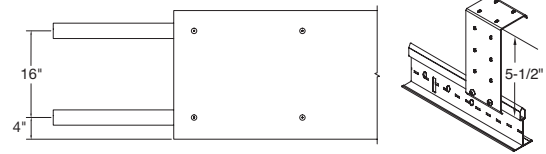
InvisAcoustics™ 24" x 48" acoustical panels in Black

NOTE: For more details, refer to installation instructions at armstrongceilings.com/invisacoustics



Wall, deck, or I-beam installation using hat channel / furring (D-20 mounting)

OR



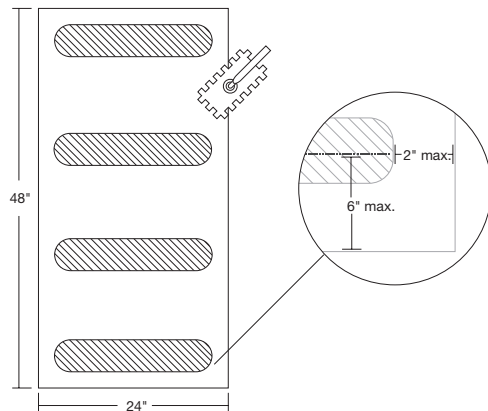
Wall, deck, or I-beam installation using FrameAll™ Drywall Grid and uptight clips

NOTE: Installation with FrameAll™ Drywall Grid and uptight clips allows for a drop of up to 5-1/2" to get around obstructions.

Direct Apply



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Ceiling and wall installations with recommended adhesive (A-mounting)

DIRECT-TO-STRUCTURE – Standard

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✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓

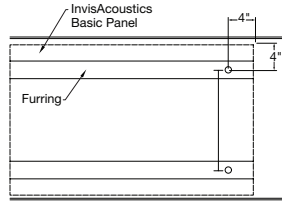
LOCATION DEPENDENT

INSTALLATION DETAILS (continued)

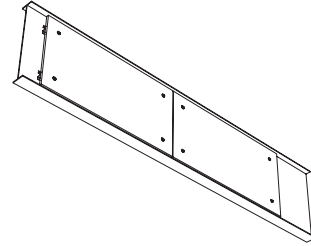
I-Beam



InvisAcoustics™ Panels in Black



I-Beam Installation

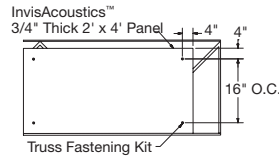


Truss

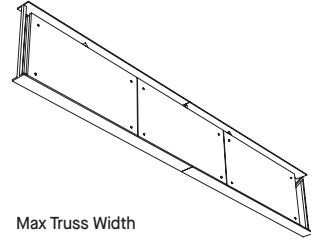


InvisAcoustics™ Panels in Black Truss Installation

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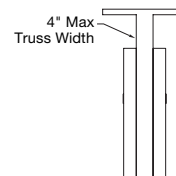
Truss Installation



Truss Fastening Kit



Max Truss Width



DIRECT-TO-STRUCTURE – Standard