

INVISACOUSTICS™

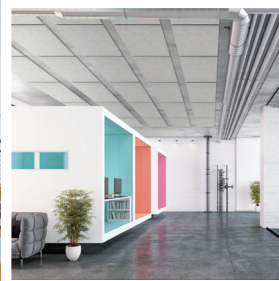
Acoustical Ceiling Panels

smooth texture



InvisAcoustics 24" x 48" acoustical panels in White

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



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

KEY SELECTION ATTRIBUTES

- 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
- 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%
- Made in the U.S.A. of domestic and global content
- Build America, Buy America (BABA) Act compliant

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

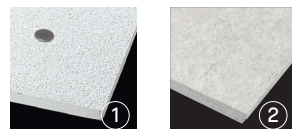
Due to printing limitations, shade may vary from actual product.



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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USDA
CERTIFIED
BIOBASED
PRODUCT
PRODUCT 95%

SUSTAIN®
High Performance
Sustainable Ceiling Systems

Declare.

LEED®
WELL | LBC

70% RECYCLED
CONTENT

Calculate sustainability with Ecomedes
armstrongceilings.com/ecomedes



LOCATION DEPENDENT

VISUAL SELECTION

	Item No.	Dimensions (Inches)
INVISACOUSTICS™ Standard Sizes	1212WH	24 × 48 × 3/4"
3/4" Square		
(on 48" sides)		
3/4" Square	1212BL	24 × 48 × 3/4"
(on 24" sides)		
	1212CE1	24 × 48 × 3/4"
3/4" Square	1212FP	24 × 48 × 3/4"

PERFORMANCE

Dots represent high level of performance.

	(White only)	Bio-Block	Humi-Guard+	CleanAssure™ Disinfectable Panels	DURABILITY	
	Fire Rating	Light Reflect	Anti-Mold/Mildew	Sag Resist	Certified Low VOC Emissions	Fog
Class A	N/A	*	*	*	*	*
Class A	N/A	*	*	*	*	*
Class A	N/A	*	*	*	*	*
Class A	N/A	*	Std	*	*	*

ACOUSTICAL INFORMATION

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

ACCESSORIES

Description	
 Wall, Deck, and I-Beam – "All-in-One" self-stopping fastener Fasteners must be ordered separately	Mill Finish (1221) Colors (1221_ _) 100pcs/ctn
 Truss Fastening Kit Kits must be ordered separately	Mill Finish (1222) Colors (1222_ _) 20pcs/ctn

ACCESSORIES (By Others)

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 A, Form A2.2, Pattern G; 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 (excludes Item 1212FP).

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

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.

Design Considerations

Factory painted product has 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" × 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
1.08 LBS/SF; 48 SF/CTN

Minimum Order Quantity
1 carton

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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

70% RECYCLED CONTENT

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LOCATION DEPENDENT

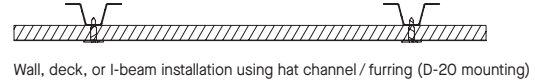
INSTALLATION DETAILS Wall, Deck, or I-Beam

Wall, Deck, or I-Beam

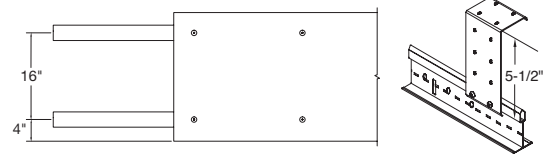


InvisAcoustics™ 24" × 48" acoustical panels in Black

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



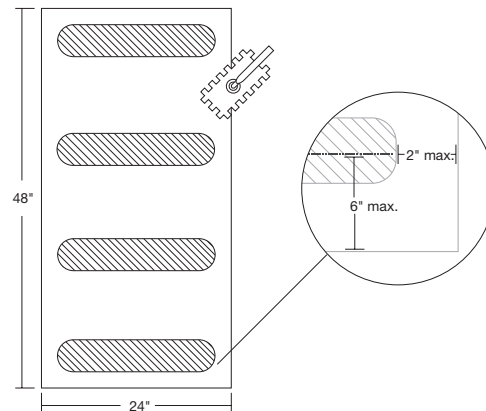
OR



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



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



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

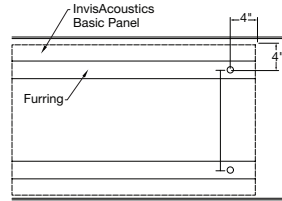
LOCATION DEPENDENT

INSTALLATION DETAILS (continued)

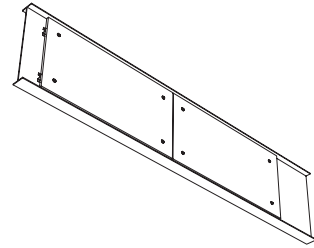
I-Beam



InvisAcoustics™ Panels in Black



I-Beam Installation

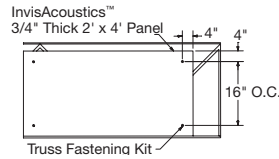


Truss

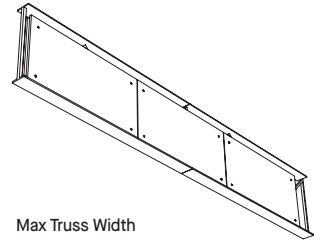


InvisAcoustics™ Panels in Black Truss Installation

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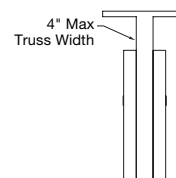
Truss Installation



Truss Fastening Kit



Max Truss Width



DIRECT-TO-STRUCTURE – Standard