INVISACOUSTICS™

Acoustical Panels
smooth texture

InvisAcoustics™ 24" x 48" panels

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

KEY SELECTION ATTRIBUTES

- Now you can install InvisAcoustics™ panels direct-to-deck multiple ways using:
  - Recommended adhesive
  - Hat channel
  - Furring strips
  - Armstrong® 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 on the deck
- InvisAcoustics panels are part of the Sustain® portfolio and meet the most stringent sustainability compliance standards today (white and field paintable panels only)
- Field paintable panels can be sprayed same color as deck
- Smooth, clean durable finish – Scratch-resistant Soil-resistant
- Panels cut easily to fit into any space
- Foolproof, "all-in-one" fastener allows for easy installation to the wall, deck, or I-beam without the danger of over-driving and damaging the panel

TYPICAL APPLICATIONS

- Exposed structure
- Open plenum offices
- Painted decks
- Drywall spaces requiring acoustical correction
- Retail
- Hospitality

PANEL COLOR* SELECTION

White (WH) | Tech Black (BL) | No Finish – Field Paintable (FP)

FASTENER COLOR SELECTION

White (WH) | Tech Black (BL) | Mill Finish

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

DETAILS (See details online).

1. InvisAcoustics™ panel

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Declare℠ Living Building Challenge Compliant (Excluding 1212BL)

SUSTAIN® High Performance Sustainable Ceiling Systems

UP TO 84% RECYCLED CONTENT

Calculate LEED contribution at armstrongceilings.com/greengenie

LEED®: 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

$$$$

VISUAL SELECTION

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

PERFORMANCE SELECTION

Dots represent high level of performance.

Fire Rating	Light Reflect (White Only)	Mold & Mildew Protection BioBlock	Sag Resist Humi-Guard+	Certified Low VOC Emissions	Durability: Wash	Durability: Impact	Durability: Scratch	Durability: Soil	Recycle Program	10-Yr Warranty
Class A	N/A	•	•	•	N/A	•	•	•	•	•
Class A	N/A	•	•	•	N/A	•	•	•	•	•
Class A	N/A	•	•	•	N/A	•	•	•	•	•

ACOUSTICAL INFORMATION

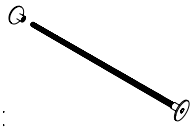
Panel Thickness	NRC	Mounting Method
3/4"	0.75 •	D-20
3/4"	0.70 •	A

[1] Total Acoustics® ceiling panels have an ideal combination of noise reduction and sound-blocking performance in one product.

* Tech Black is not included in the Sustain® portfolio

ACCESSORIES

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



ACCESSORIES – BY OTHERS

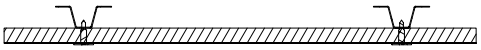
Recommended Adhesive – Titebond® GREENchoice Acoustical Ceiling Tile Adhesive

INSTALLATION DETAILS

Wall, Deck, or I-Beam

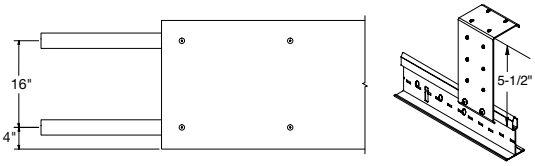
InvisAcoustics™ Field Paintable 24" x 48" Panels

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 Armstrong® Drywall Grid and uptight clips

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

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LEED®

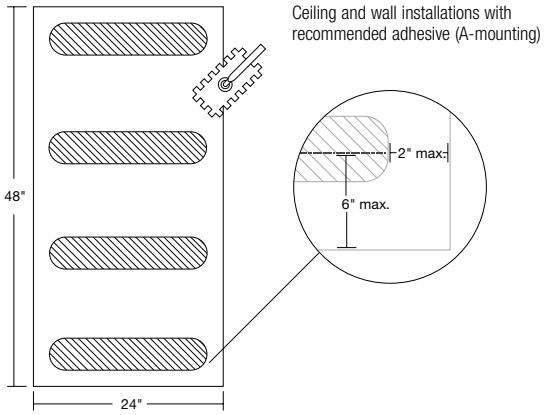
energy management	construction waste mgmt	regional materials	design for flexibility	EPD	recyclable/ extended producer resp.	biobased materials	recycled content	sourcing of raw materials	material ingredient reporting	low emitting/ materials	lighting quality	acoustics
					✓							

▲ LOCATION DEPENDENT

INSTALLATION DETAILS

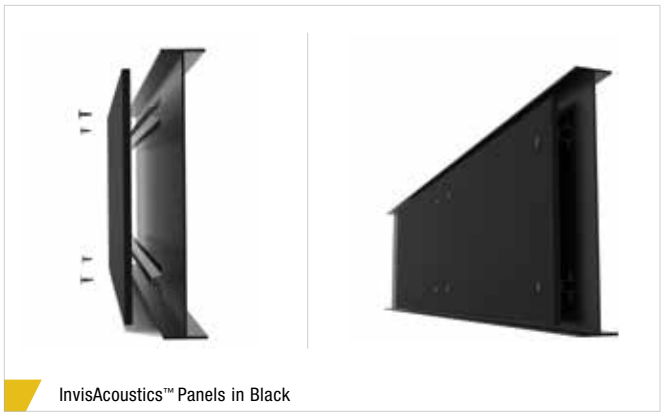
Direct-Apply

InvisAcoustics™ Direct-Apply Panels in White

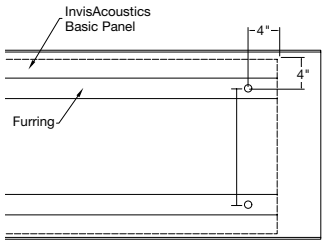


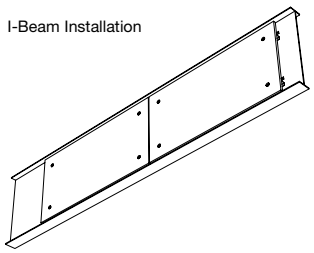
Ceiling and wall installations with recommended adhesive (A-mounting)

I-Beam



InvisAcoustics™ Panels in Black

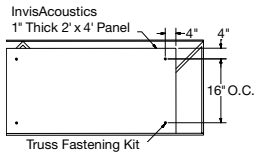


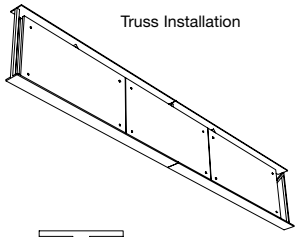


I-Beam Installation

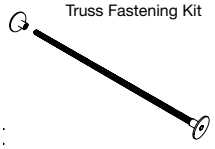
Truss

InvisAcoustics™ Panels in Black Truss Installation

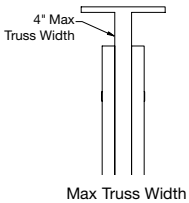




Truss Installation



Truss Fastening Kit



Max Truss Width

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

TechLine 877 276-7876
armstrongceilings.com/invisacoustics

Armstrong® CEILING & WALL SOLUTIONS

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LEED®

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

NRC

EXPOSED STRUCTURE — DIRECT-TO-DECK

PHYSICAL DATA

Material
Wet-formed mineral fiber

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

Fire Performance
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.

Mold/Mildew Protection
Factory-finished panels offer BioBlock® performance and resist the growth of mold and mildew. Mold/mildew performance of unpainted/field painted panels is determined by the type of paint used.

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.

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 Mils: 3.5-5.0
Dry Mils: 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 celing 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 have short edges that are reverse tegular; 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
0.75 NRC is the acoustical value for D-20 mounting. When using A mounting method for panels, NRC is reduced to 0.70.

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

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/invisacoustics.

Weight; Square Feet/Carton
1212WH, 1212BL, 1212FP – 1.08lbs/SF; 48 SF/ctn

Minimum Order Quantity
1 carton

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BPCS-5704-519

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