INVISACOUSTICS™

Acoustical Ceiling Panels
smooth texture

SUSTAIN®
High Performance
Sustainable
Ceiling Systems

▲ 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
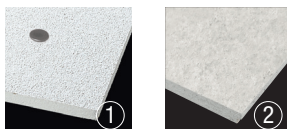- Panels cut easily to fit into any space
- Retail
- Hospitality

PANEL COLORS

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

White (WH)	Tech Black (BL)	No Finish – Field Paintable (FP)	Concrete (CE1) *new*

FASTENER COLORS

White (WH)	Tech Black (BL)	Mill Finish

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

Armstrong®
CEILING & WALL SOLUTIONS

INVISACOUSTICS™

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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

Calculate sustainability with Green Genie™
armstrongceilings.com/greengenie

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

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

PERFORMANCE

Dots represent high level of performance.

Item No.	Fire Rating	Light Reflect (White only)	Anti-Mold/ Mildew (Bio-Block)	Sag Resist (Humi-Guard+)	Certified Low VOC Emissions	Fog (CleanAssure™ Disinfectable Panels)	Impact (DURABILITY)	Scratch	Soil	Recycle Program	10-Yr Warranty
1212WH	Class A	N/A	•	•	•	•	•	•	•	•	•
1212BL*	Class A	N/A	•	•	•	•	•	•	•	•	•
1212CE1	Class A	N/A	•	•	•	•	•	•	•	•	•
1212FP	Class A	N/A	•	•	•	•	•	•	•	•	•

ACOUSTICAL INFORMATION

Panel Thickness	NRC	Mounting Methods
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 panels are not included in the Sustain® portfolio

ACCESSORIES

	Description	
	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__)
	Kits must be ordered separately	20pcs/ctn

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.

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

GREENGUARD GOLD

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

Application Consderations
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/ctnn

Minimum Order Quantity
1 carton

TechLine 877 276-7876
armstrongceilings.com/invisacoustics

Armstrong® CEILING & WALL SOLUTIONS

DIRECT-TO-STRUCTURE – Standard

INVISACOUSTICS™
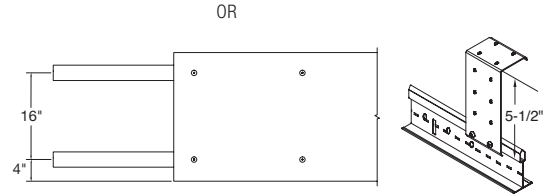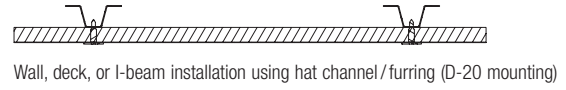
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INSTALLATION DETAILS   Wall, Deck, or I-Beam

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
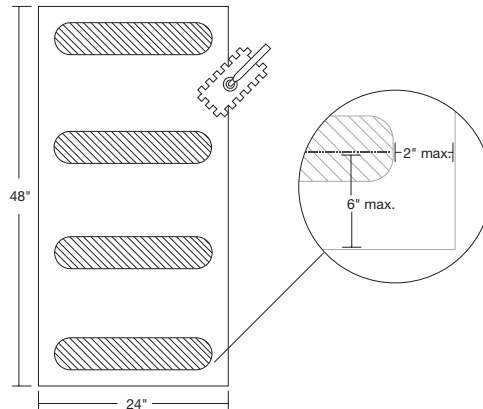

Wall, deck, or I-beam installation using hat channel / furring (D-20 mounting)

OR

16"

4"

5-1/2"

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

InvisAcoustics™ 24" x 48" acoustical panels in Black

48"

24"

2" max.

6" max.

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

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INSTALLATION DETAILS (continued)

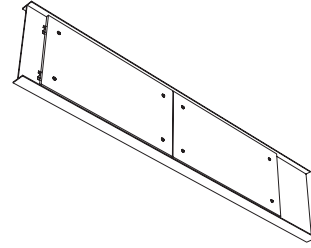### I-Beam

InvisAcoustics™ Panels in Black

InvisAcoustics Basic Panel
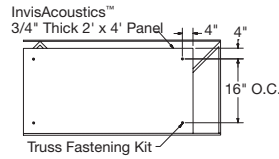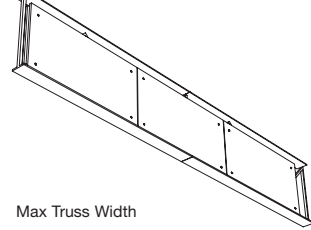Furring
4"
4"

I-Beam Installation

Truss

InvisAcoustics™ Panels in Black Truss Installation

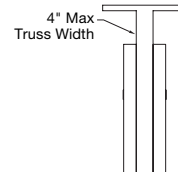NOTE: For more details, refer to installation instructions at armstrongceilings.com/invisacoustics

InvisAcoustics™ 3/4" Thick 2' x 4' Panel
4" 4"
16" O.C.
Truss Fastening Kit

Truss Installation

Truss Fastening Kit

Max Truss Width
4" Max Truss Width

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