INVISACOUSTICS™
Acoustical Panels
smooth texture

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 panels are part of the Sustain® portfolio and meet the most stringent sustainability compliance standards today (white and field paintable panels only)
- InvisAcoustics Wall installation – 6” from the ground or higher
- Good acoustical absorption — NRC up to 0.75
- USDA Certified Biobased Product, 95%
- Install Invisacoustics panels on Trusses and I-Beams for added acoustics while maintaining an exposed structure visual on the deck
- 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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VISUAL SELECTION

<table>
<thead>
<tr>
<th>Edge Profile</th>
<th>Item No.</th>
<th>Dimensions (Inches)</th>
</tr>
</thead>
<tbody>
<tr>
<td>3/4&quot; Square</td>
<td>1212WH</td>
<td>24 x 48 x 3/4&quot;</td>
</tr>
<tr>
<td>on 48” sides</td>
<td></td>
<td></td>
</tr>
<tr>
<td>3/4&quot; Square</td>
<td>1212BL*</td>
<td>24 x 48 x 3/4&quot;</td>
</tr>
<tr>
<td>on 24” sides</td>
<td></td>
<td></td>
</tr>
<tr>
<td>3/4&quot; Square</td>
<td>1212FP</td>
<td>24 x 48 x 3/4&quot;</td>
</tr>
</tbody>
</table>

INVISACOUSTICS™ Standard Sizes

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

PERFORMANCE SELECTION

<table>
<thead>
<tr>
<th>Fire Rating</th>
<th>Light Reflect</th>
<th>Mold &amp; Mildew</th>
<th>Sound</th>
<th>Impact</th>
<th>Scratch</th>
<th>Soil</th>
<th>Recycle Program</th>
<th>10-Yr Warranty</th>
</tr>
</thead>
<tbody>
<tr>
<td>Class A</td>
<td>N/A</td>
<td>•</td>
<td>•</td>
<td>•</td>
<td>N/A</td>
<td>•</td>
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<td>•</td>
</tr>
</tbody>
</table>

ACOUSTICAL INFORMATION

ACCESSORIES

Wall, Deck, and I-Beam – “All-in-One” self-stopping fastener

Fasteners must be ordered separately

Kit must be ordered separately

ACCESSORIES – BY OTHERS

Recommended Adhesive – Titebond® GREENchoice Acoustical Ceiling Tile Adhesive

INSTALLATION DETAILS

Wall, Deck, or I-Beam

Wall, Deck, or I-Beam Installation using hat channel/furring (D-20 mounting)

Wall, Deck, or I-Beam Installation using Armstrong® Drywall Grid and upright clips

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

Truss

InvisAcoustics™ Panels in Black Truss Installation

NOTE: For more details, refer to installation instructions at armstrongceilings.com/invisacoustics
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 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. Between parallel rows in all installation methods, there must be at least 2” of space between panel ends of separate rows. 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 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
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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