**ACOUSTIBUILT®**

Seamless Acoustical Ceiling and Wall System

fine texture

**TYPICAL APPLICATIONS**

- Offices
- Lobbies
- Education
- Exposed Structure
- Retail
- Hospitality
- Cloud Applications

**KEY SELECTION ATTRIBUTES**

- The look of drywall in a seamless acoustical ceiling and wall system (install on walls above 7 feet to prevent damage)
- Get total noise control and floor plan versatility with Total Acoustics® ceiling panel options: NRC + CAC = Total Acoustics performance
- Finished AcoustiBuilt® panels are part of the Sustain® portfolio and meet the most stringent industry sustainability compliance standards today
- Smooth non-directional, monolithic, drywall-like visual
- Custom colors available to meet your design palette
- AcoustiBuilt® is intended for spaces desiring a Level 4 equivalent drywall finish
- Install on FrameAll® Drywall Grid, in any room, any size – flat or sloped
- Similar installation and finishing methods to drywall ceilings
- CleanAssure® family of products – includes disinfectable panels, suspension systems, and trim
- Mold- and mildew-resistant surface
- Use Drywall Grid SimpleSoffit® framing system for faster, easier soffit construction
- Use AcoustiBuilt® system for open-air plenum applications
- Easier to install than acoustical plaster at a lower cost
- Can be installed with most drywall-compatible light fixtures including those from our partners:
  - Axis®
  - XAL
  - USAI®
  - Price®
- Improves STC of interior stud/drywall partition systems by up to 6 points
- Seamless integration with VidaShield UV24™ Air Purification System

**FINE-TEXTURE FINISH FOR ACOUSTIBUILT PANELS**

- White
- Black

**CUSTOM COLORS AVAILABLE**

![Color Swatches](image)

NOTE: Custom AcoustiBuilt fine-texture finish colors will appear one or two shades darker than a standard paint color sample when applied due to the texture in the finish.

TechLine 877 276-7876
armstrongceilings.com/acoustibuilt
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VISUAL SELECTION

WALL-TO-WALL ASSEMBLY AND INSTALLATION OVERVIEW

Performance Selection

** Total Acoustics® ceiling panels have an ideal combination of sound absorption and sound blocking in one product.
* Per ASTM C423 & E795, E-400 mounting.
** White fine texture finish panel performance following the installation instructions.

- Add Extra Cross Tees at Panel Ends (at 8")
- Drywall Grid 48" Cross Tee Drywall Grid Main Beam
- Hanger Wire
- Construction Adhesive (3/8" Bead)
- AcoustiBuilt® Panel
- Mesh Drywall Tape
- Paper Drywall Tape
- Screws
- AcoustiBuilt® Wall Applications (7 ft. above the floor)
- Spray-Apply Fine Texture Finish for AcoustiBuilt®

PHYSICAL DATA

- Material: Wet-formed mineral fiber
- Fire Performance: Class A: ASTM E84 and CAN/ULC S102 surface burning characteristics. Flame Spread of 25 or less. Smoke Developed of 50 or less.
- 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 panels with BioBlock performance resist the growth of mold and mildew on the panel surface.
- 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.

ACOUSTICAL INFORMATION

Mounting Method

- Cloud
- Cloud w/ infill 8200T10
- STC Rating***
  - 1 Side: 42
  - 2 Sides: 43

*** 3-5/8" metal studs with one layer of 5/8" drywall on both sides and AcoustiBuilt Panels on one or both sides.

Acoustical Considerations

When installed as a cloud, average sound absorption is 0.80 Sabins/SF. The addition of acoustical infill panel Item 8200T10 can increase sound absorption up to 1.33 Sabins/SF. Excessive integrations and/or small enclosed spaces where the ceiling is more compound than open area will result in degradation of sound absorption.

Cleaning and Disinfecting

Cleaning and CDC-recommended disinfecting options available on armstrongceilings.com/cleaning

Minimum Order Quantity

1 carton (10pcs)

Armstrong®
World Industries

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SUSPENSION SYSTEMS – Order Separately

<table>
<thead>
<tr>
<th>Item No.</th>
<th>Description</th>
<th>Required for Install</th>
<th>Qty/Ctn</th>
</tr>
</thead>
<tbody>
<tr>
<td>HD8906</td>
<td>12' HD Drywall Main Beam</td>
<td>Yes</td>
<td>12/144</td>
</tr>
<tr>
<td>XLS945P</td>
<td>4’ Drywall Cross Tee</td>
<td>Based on layout</td>
<td>36/144</td>
</tr>
<tr>
<td>KAM21020</td>
<td>2 x 2 x 120” Knurled Angle Molding (0.033” metal thickness)</td>
<td>Based on layout</td>
<td>10/100</td>
</tr>
<tr>
<td>7891</td>
<td>12-gauge hanger wires</td>
<td>N/A</td>
<td>140 pcs</td>
</tr>
</tbody>
</table>

ACOUSTIBUILT FINE-TEXTURE FINISH PAINT – Order Separately

<table>
<thead>
<tr>
<th>Item No.</th>
<th>Description</th>
<th>Required for Install</th>
</tr>
</thead>
<tbody>
<tr>
<td>2605WH</td>
<td>Fine-texture finish for AcoustiBuilt Panels (available in White, Black, and custom colors)</td>
<td>For every 10 panels (240 SF) – order 1 pail (4 gal.) 200 SF on custom color applications</td>
</tr>
<tr>
<td>2605BL</td>
<td>(Black)</td>
<td></td>
</tr>
</tbody>
</table>

ACCESSORIES BY OTHERS – Order Separately

<table>
<thead>
<tr>
<th>Item No.</th>
<th>Description</th>
<th>Drying-Type Compound</th>
<th>Tape</th>
<th>Paper Tape</th>
</tr>
</thead>
<tbody>
<tr>
<td>Screws</td>
<td># 6 x 1-5/8” fine thread, corrosion-resistant drywall screws # 6 x 1-5/8” coarse thread drywall screws (used for wall installations)</td>
<td>All-purpose joint compound</td>
<td>Self-adhesive mesh drywall joint tape (for panel joints)</td>
<td>Paper drywall tape (for corners)</td>
</tr>
<tr>
<td>Setting-Type Compound</td>
<td>Fast-setting compound (hot mud)</td>
<td>Lightweight compound</td>
<td>FibaFuse® drywall joint tape (use with automatic finishing tools)</td>
<td></td>
</tr>
<tr>
<td>Adhesive (Required for all ceiling and wall installations)</td>
<td>Requires approx. seven 28-oz. tubes of adhesive per 240 SF</td>
<td>Titebond® 5252 ProVantage VOC Compliant Heavy Duty</td>
<td>Titebond® 5262 Heavy Duty</td>
<td>Titebond® 5342 Drywall Plus VOC Compliant</td>
</tr>
</tbody>
</table>

PERIMETER TRIM OPTIONS – Order Separately

<table>
<thead>
<tr>
<th>Item No.</th>
<th>Description</th>
<th>Required for Install</th>
</tr>
</thead>
<tbody>
<tr>
<td>AX1PC_CUR</td>
<td>Axiom® One-Piece Drywall Trim available for 4” and 6” heights – straight or curved</td>
<td>Based on layout</td>
</tr>
<tr>
<td>AX1PC_STR</td>
<td>Axiom® One-Piece Drywall Trim available for 4” and 6” heights – straight or curved</td>
<td>Based on layout</td>
</tr>
<tr>
<td>AX1PC_CUR</td>
<td>Axiom® One-Piece Drywall Trim available for 4” and 6” heights – straight or curved</td>
<td>Based on layout</td>
</tr>
<tr>
<td>AX1PC_STR</td>
<td>Axiom® One-Piece Drywall Trim available for 4” and 6” heights – straight or curved</td>
<td>Based on layout</td>
</tr>
</tbody>
</table>

CASTWORKS® GFRG ACCESS PANELS FOR ACOUSTIBUILT

<table>
<thead>
<tr>
<th>Item No.*</th>
<th>Description</th>
<th>Drying-Type Compound</th>
<th>Tape</th>
<th>Paper Tape</th>
</tr>
</thead>
<tbody>
<tr>
<td>APR1212A_</td>
<td>12 x 12 x 7/8&quot; Squared Corners Lay-In</td>
<td>All-purpose joint compound</td>
<td>Self-adhesive mesh drywall joint tape (for panel joints)</td>
<td>Paper drywall tape (for corners)</td>
</tr>
<tr>
<td>APR1818A_</td>
<td>18 x 18 x 7/8&quot; Squared Corners Lay-In</td>
<td>Lightweight compound</td>
<td></td>
<td></td>
</tr>
<tr>
<td>APR2424A_</td>
<td>24 x 24 x 7/8&quot; Squared Corners Lay-In</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

* To specify a hinged door, add “H” to item number (e.g., APR2424A_H)
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LIGHTING AND MEP INTEGRATION

AcoustiBuilt® installed on FrameAll™ Drywall Grid offers comparable compatibility to standard drywall and easily accommodates a wide variety of conventional and integrated lighting solutions from Armstrong lighting partners. Additional options include standard industry lighting that complements the module size, or pendant fixtures that hang below the ceiling system.

AcoustiBuilt® Panel

MEP PARTNERS

VIDASHIELD UV24™

Item No. Description
52CHZUVC VidaShield UV24 Air Purification System for Calla® Health Zone™ (Coordinates with AcoustiBuilt)
52LUVCE VidaShield UV24 Air Purification System LED Light Panel
52DACBTC VidaShield UV24 Drywall/AcoustiBuilt Trim Kit

Download AcoustiBuilt Drawing Details Library >

Use the SimpleSoffit drywall framing system with AcoustiBuilt on soffits greater than 36" for improved acoustical performance in any space.

VIDASHIELD UV24™ Item No. Description
VidaShield UV24 Air Purification System
52CHZUVC VidaShield UV24 Air Purification System for Calla® Health Zone™ (Coordinates with AcoustiBuilt)
52LUVCE VidaShield UV24 Air Purification System LED Light Panel
52DACBTC VidaShield UV24 Drywall/AcoustiBuilt Trim Kit

See VidaShield UV24 Air Purification System data page for complete details.