New seamless acoustical ceiling system offering monolithic visual and Total Acoustics® performance.

**KEY SELECTION ATTRIBUTES**

- Look of drywall in a seamless acoustical ceiling
- 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 sustainability compliance standards today
- Smooth non-directional, monolithic, drywall-like visual
- Installed system achieves acoustical performance of up to NRC (0.70) and CAC (48)
- Quick, easy panel installation using Armstrong® Drywall Grid
- Similar installation and finishing methods to drywall ceilings
- Easier to install than acoustical plaster at a lower cost
- Can be installed with most any drywall compatible light fixture including those fixtures from our partners:
  - Axis
  - USAI
  - XAL
  - Price

**TYPICAL APPLICATIONS**

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

**FINE TEXTURE FINISH FOR ACOUSTIBuilt™ PANELS**

- White (WH)
ACOUSTIBuilt™
Seamless Acoustical Ceiling System
fine texture

VISUAL SELECTION

Edge Profile | Item No. | Dimensions (Inches)
ACOUSTIBuilt™ Panel
7/8" Tapered Edge  | 2604  | 48 x 72 x 7/8"

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

* Unfinished ACOUSTIBuilt™ Panels are UL® classified as an 0.80 NRC. Following the installation instructions, the field finished system performance is expected to be up to a 0.70 NRC.

** White Fine Texture Finish panel performance following the installation instructions.

SUSPENSION SYSTEMS – Order Separately

<table>
<thead>
<tr>
<th>Item No.</th>
<th>Description</th>
<th>Required for Install</th>
</tr>
</thead>
<tbody>
<tr>
<td>HD8906</td>
<td>12' HD Drywall Main Beam</td>
<td>Yes</td>
</tr>
<tr>
<td>XL8945P</td>
<td>4' Drywall Cross Tee</td>
<td>Based on layout</td>
</tr>
<tr>
<td>XL8965</td>
<td>6' Drywall Cross Tee</td>
<td>Based on layout</td>
</tr>
<tr>
<td>KAM</td>
<td>Ceiling to wall trim (if necessary)</td>
<td>Based on layout</td>
</tr>
</tbody>
</table>

ACCESSORIES AND PERIMETER TRIMS – 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</td>
<td>For every 10 panels (240 SF) - order 1 pail (4 gal.)</td>
</tr>
<tr>
<td>2119</td>
<td>Grip-Plate® Washers for ACOUSTIBuilt™ Panels</td>
<td>For every 10 panels (240 SF) - order 1 bag (250 pcs)</td>
</tr>
<tr>
<td>AX1PC_STR</td>
<td>Axiom® One-Piece Drywall Trim available for 4&quot; and 6&quot; heights – straight or curved</td>
<td>Based on layout</td>
</tr>
<tr>
<td>AX1PC_CUR</td>
<td>Axiom® Classic available for 2&quot;-16&quot; heights (2&quot; increments) – straight or curved</td>
<td>Based on layout</td>
</tr>
<tr>
<td>AX_BTASTR</td>
<td>Axiom® Bottom Trim for ACOUSTIBuilt™ – straight or curved</td>
<td>Required for Axiom Classic Trim, Axiom Transitions Trim, and Axiom Light Coves</td>
</tr>
</tbody>
</table>

STANDARD ACCESSORIES BY OTHERS – Order Separately

<table>
<thead>
<tr>
<th>Item No.</th>
<th>Description</th>
<th>Required for Install</th>
</tr>
</thead>
<tbody>
<tr>
<td>Screws</td>
<td># 6 x 1-1/4” fine thread, corrosion resistant drywall screws</td>
<td>Yes</td>
</tr>
<tr>
<td>Setting-Type Compound</td>
<td>Drywall joint compound</td>
<td>Yes</td>
</tr>
<tr>
<td>Drying-Type Compound</td>
<td>Premixed ultra light weight drywall joint compound</td>
<td>Yes</td>
</tr>
<tr>
<td>Tape</td>
<td>Self-adhesive mesh drywall joint tape</td>
<td>Yes</td>
</tr>
<tr>
<td>Hanger Wires</td>
<td>12 gauge hanger wires</td>
<td>–</td>
</tr>
</tbody>
</table>
ACOUSTIBuilt™
Seamless Acoustical Ceiling System
fine texture

ASSEMBLY AND INSTALLATION OVERVIEW

1. Attach ACOUSTIBuilt™ Panels to Armstrong® Drywall Grid with Screws and Grip-Plate® Washers

2. Finish Taped Joints and Washers with Compound

3. Spray-apply Fine Texture Finish for ACOUSTIBuilt™

PHYSICAL DATA

Material
Wet-formed mineral fiber

Fire Performance
ASTM E84 and CAN/ULC S102 surface burning characteristics. Smoke Developed Index 50 or less. Smoke Developed Index 50 or less.

ASTM E119 Classification
Type IV, Form 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.

Mold/Mildew Protection
Panels with Fine Texture Finish offer BioBlock® performance and resist the growth of mold and mildew.

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.

Acoustical Considerations
Unfinished ACOUSTIBuilt™ panels are UL® classified as an 0.80 NRC. Following the installation instructions, joint compound is field applied to at least 30% of the system before Fire Texture Finish is spray applied. Depending on the layout of the room and fixtures, the expected system performance is up to a 0.70 NRC. Excessive integrations and/or small enclosed spaces where the ceiling is more compound than open area will result in degradation of sound absorption. ACOUSTIBuilt™ panels absorb the most sound when installed as full panels. Plan the layout to minimize panel joints and fixture integrations which cover the surface of the ceiling.

Insulation Value
R Factor – 2.2 (BTU Units)
R Factor – 0.39 (Watts Units)

10-Year Panel Warranty
Details at armstrongceilings.com/acoustibuilt

Weight; Square Feet/Carton
2604 – 1.1lbs/SF; 240 SF/ctn

Minimum Order Quantity
1 carton (10pcs)

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