ACOUSTIBuilt™ Seamless Acoustical Ceiling System

FINE TEXTURE FINISH FOR ACOUSTIBuilt™ PANELS

NEW ERase vos ciealce na scattered acoustical ceiling
• 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
• Now add a hint of color, tailored to your design palette

NEW Easier to install than acoustical plaster at a lower cost
• Easier to install than acoustical plaster at a lower cost
• Create designs with sloped installations under 20°
• Can be installed with most drywall compatible light fixtures including those fixtures from our partners:
  - Axis
  - USAI
  - XAL
  - Price

NEW

KEY SELECTION ATTRIBUTES

• Installed system achieves acoustical performance of up to NRC 0.70 and CAC 48
• Quick, easy panel installation using Armstrong® Drywall Grid
• Install with ShortSpan® Drywall Framing System for a faster, easier way to frame flat drywall ceilings up to 17" wide
• Similar installation and finishing methods to drywall ceilings
• ACOUSTIBuilt is intended for spaces desiring a Level 4 equivalent drywall finish

NEW

TYPICAL APPLICATIONS

• Offices
• Lobbies
• Education
• Exposed Structure
• Retail
• Hospitality

NOW

OFF-WHITE TINTS OF YOUR CHOICE

• Available in any off-white tint!

NOTE: These are examples of tints you can specify to add a hint of color to our white base.

* Sustain compliant upon request
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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 sound absorption and sound blocking 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.

PERFORMANCE SELECTION

Dots represent high level of performance (• panel and grid).

UL Classified Acoustics

UL  Total  Acoustics  Fire  Performance  Light  Light  Mold  Relative  Hums  Certified Low VOC Emissions  Wash  Scratch  Soil

Acoustics

A  0.87**

Recycled  Recycle  Program  Warranty

Recycled  Content  Reuse  Program  Warranty

SUSPENSION SYSTEMS – Order Separately

Item No.  Description  Required for Install

HD8906  12' HD Drywall Main Beam  Yes

XL8945P  4' Drywall Cross Tee  Based on layout

XL8965  6' Drywall Cross Tee  Based on layout

KAM  Ceiling to wall trim (if necessary)  Based on layout

S7708P  8' ShortSpan Tee  –

S7710P  10' ShortSpan Tee  –

S7712P  12' ShortSpan Tee  –

S7714P  14' ShortSpan Tee  –

ACCESSORIES AND PERIMETER TRIMS – Order Separately

Item No.  Description  Required for Install

2605WH  Fine Texture Finish for ACOUSTIBuilt™ Panels (available in white and custom off-white tints)  For every 10 panels (240 SF) - order 1 pail (4 gal.)

2119  Grip-Plate® Washers for ACOUSTIBuilt™ Panels (1-1/4” diameter)  For every 10 panels (240 SF) – order 1 bag (250 pcs)

AX1PC_STR  Axiom® One-Piece Trim available for 4” and 6” heights – straight or curved  Based on layout

AX1PC_CUR  Axiom® Classic available for 2”-16” heights (2” increments) – straight or curved  Based on layout

AXBTASTR  AXBTACUR  Axiom® Bottom Trim for ACOUSTIBuilt™ – straight or curved  Required for Axiom Classic Trim, Axiom Transitions Trim, and Axiom Light Coves

STANDARD ACCESSORIES BY OTHERS – Order Separately

Item No.  Description  Required for Install

Screws  # 6 x 1-1/4” fine thread, corrosion resistant drywall screws  Yes

Setting-Type Compound  Drywall joint compound  Yes

Dryling-Type Compound

Tape  Self-adhesive mesh drywall joint tape  Yes

Hanger Wires  12 gauge hanger wires  –
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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
Class A: ASTM E84 and CAN/ULC S102 surface burning characteristics. Flame Spread Index 25 or less. Smoke Developed Index 50 or less.

ASTM E1264 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 White 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.

VOC Emissions
GREENGUARD Gold Certified
Third-party certified compliant with California Department of Public Health CPRF/ERLB Standard Method Version 1.1, 2010. This standard is the guideline for low emissions in LEED, CalGreen Title 24, ANSI/ASHRAE/USGBC/IES Standard 189; ANSI/GBI Green Building Assessment Protocol (White only).

Design and Lighting Considerations
ACOUSTIBuilt™ is intended for spaces desiring a Level 4 equivalent drywall finish. Critical lighting conditions such as grazing or side light are important to consider while specifying as they can accentuate any imperfections or visible joints.

Lighting and diffuser fixtures must be able to accommodate 7/8” thick panels. Contact the lighting and diffuser manufacturers for recommended fixture use and integration.

ACOUSTIBuilt™ is a non-accessible ceiling. Access panels can be integrated as needed following standard installation practices. Refer to access panel manufacturer to verify compatibility with 7/8” thick panels.

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

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

Minimum Order Quantity
1 carton (10pcs)

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 Fine 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. Certain lighting conditions and/or colors may require an additional coat of Fine Texture Finish, resulting in a 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.

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

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