

new ACOUSTIBUILT®

Seamless Acoustical Wall System
fine texture



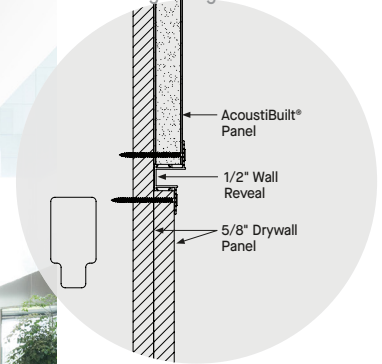
TOTAL ACOUSTICS®
Sound Absorption (NRC)
+ Sound Blocking (CAC)



SUSTAIN®
High Performance
Sustainable
Ceiling Systems



CAD/Revit® drawings at:
armstrongceilings.com/cadrevit



View full AcoustiBuilt® Ceiling and Walls System offering at:
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plus capabilities
to do more



AcoustiBuilt Seamless Acoustical Wall System

armstrongceilings.com/capabilities
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New seamless acoustical wall system that looks like drywall, but offers acoustical performance.

KEY SELECTION ATTRIBUTES

- new** Custom colors available to meet your design palette
- new** Wall application allows for a seamless acoustical 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

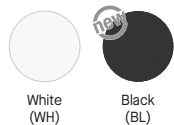
- Smooth non-directional, monolithic, drywall-like visual
- Add a hint of color, tailored to your design palette
- new** Use Drywall Grid SimpleSoffit™ framing system for faster, easier soffit construction
- Similar installation and finishing methods to drywall ceilings
- CleanAssure™ family of products – includes disinfectable panels, suspension systems, and trim

- Mold and mildew-resistant surface
- AcoustiBuilt® is intended for spaces desiring a Level 4 equivalent drywall finish
- Easier to install than acoustical plaster at a lower cost
- new** Improves STC of interior stud/drywall partition systems by up to 6 points*
- Build America, Buy America (BABA) Act compliant
- Made in the U.S.A. of domestic and global content

TYPICAL APPLICATIONS

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

FINE-TEXTURE FINISH FOR ACOUSTIBUILT® PANELS



AcoustiBuilt panels must be sprayed with Armstrong Fine-texture Finish for AcoustiBuilt. Do not use paint of any other kind on AcoustiBuilt panels.

CUSTOM COLORS AVAILABLE



Available in custom colors from most major paint manufacturers and Pantone® colors.

NOTE: Custom AcoustiBuilt® Fine-texture Finish colors will appear 1 to 2 shades darker than a standard paint color sample when applied due to the texture in the finish. Metallic colors and gloss finishes are not available.

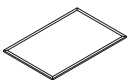
TechLine 877 276-7876
armstrongceilings.com/acoustibuilt

COMMON MATERIALS FRAMEWORK

Human Health	Declare Label	Climate Health	EPD
	HPD	Ecosystem Health	EPD
	3rd Party CDPH	Circular Economy	✓
OCCUPANT EXPERIENCE		Acoustics	✓

VISUAL SELECTION

Item No.	Dimensions (Inches)
AcoustiBuilt® Wall Panels 7/8" 4-Sided Tapered Edge	2604 48 × 72 × 7/8"



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

Performance Metric	Value	Performance Level
NRC	0.80*	High
CAC	46	High
Total Acoustics ¹	BEST	High
Fire Performance	Class A	High
Light Reflect	0.87**	High
Anti-Mold/Mildew	•	High
Sag Resistant	•	High
Certified Low VOC Emissions	•	High
CleanAssure™ Disinfectable Panels	•	High
DURABILITY		
Fog	•	High
Spray	•	High
Wash	•	High
Scratch	N/A	Low
Soil	N/A	Low
Recycle Program	•	High
10-Yr Warranty	•	High

¹ 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.

STANDARD ACCESSORIES BY OTHERS – Order Separately

Item No.	Description	Required for Install
Screws	# 6 × 1-5/8" coarse thread drywall screws (Used for Wall Installations)	Yes
Setting-Type Compound	Fast-setting compound (hot mud)	Yes
Adhesive (Required for all ceiling and wall installations.)	Titebond® 5252 ProVantage Heavy Duty Titebond® 5262 Heavy Duty Titebond® 5342 Drywall Plus VOC Compliant Titebond® 5352 Professional Drywall Titebond® 3452 All Purpose or Equivalent	Yes
Drying-Type Compound	Ready-mixed lightweight compound	Yes
Tape	Self-adhesive mesh drywall joint tape (For Panel Joints)	Yes
Paper Tape	Paper drywall tape (For Corners)	Yes

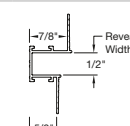
ACOUSTICAL INFORMATION

Wall Application Mounting Method/STC Rating***	1 Side	2 Sides
	42	43

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

PERIMETER TRIM OPTIONS – Order Separately

Item No.	Description	Required for Install
ARM-625500STR	1/2" Wall reveal from 7/8" AcoustiBuilt to 5/8" Drywall	Based on layout



ACOUSTIBUILT FINE-TEXTURE FINISH PAINT – Order Separately

Item No.	Description	Required for Install
2605WH (White) 2605BL (Black)	Fine-texture Finish for AcoustiBuilt® Panels (available in White, Black, and custom colors)	For every 10 panels (240 SF) – order 1 pail (4 gal.) 200 SF on custom color applications

NOTE: AcoustiBuilt panels **must** be sprayed with Armstrong Fine-texture Finish for AcoustiBuilt. Do not use paint of any other kind on AcoustiBuilt panels. Doing so will eliminate acoustical performance and void the product warranty.

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.

ASTM E1264 Classification
Type A, Form A2.2, 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.

Anti-Mold/Mildew
Finished AcoustiBuilt panels offer BioBlock® performance and resist the growth of mold and mildew on the panel 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
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

Design and Lighting Considerations
AcoustiBuilt® panels are intended for spaces desiring a Level 4 equivalent drywall finish. Like Level 4 drywall, critical or low-angle light grazing across the ceiling can show imperfections. Special attention to finishing and sanding may be required. Downlights can complement the appearance in severe grazing light.

Installation is similar to standard wallboard and drywall suspension systems. However, it requires more precision and a higher level of finish to achieve an acceptable appearance. Lighting conditions can magnify surface imperfections, especially natural light that shines from oblique angles. It is strongly recommended that a job site mockup be constructed with representative lighting so that expectations regarding the finished appearance are managed.

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.

Acoustical Considerations
AcoustiBuilt is a field-finished product. The final visual and acoustical performance is dependent on the installer. Proper techniques and tools as shown in the installation instructions on Armstrong.com must be followed. Finish calibration samples are available through our sample center: Item BPCS-6119 – White finish and BPCS-6981 – Black finish.

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. 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.

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

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

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

Weight; Square Feet/Carton
2604 – 1.1LB/SF; 240 SF/CTN

Minimum Order Quantity
1 carton (10 PCS)