



# ACOUSTIBuilt™

Seamless Acoustical Ceiling  
Cloud Application  
fine texture

*Custom looks  
with standard  
products*



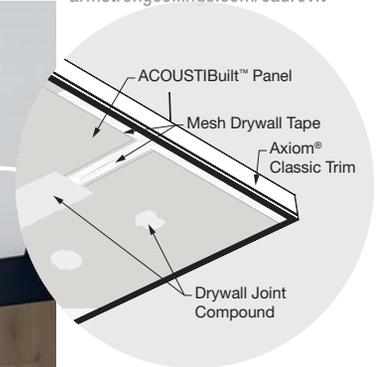
**SUSTAIN®**  
High Performance  
Sustainable  
Ceiling Systems



**24/7  
DEFEND™**  
Solutions for Healthier,  
Safer Spaces

CONTAIN CLEAN PROTECT

CAD/Revit® drawings at:  
[armstrongceilings.com/cadrevit](http://armstrongceilings.com/cadrevit)



plus capabilities  
to do more



▲ ACOUSTIBuilt™ Seamless Acoustical Ceiling Cloud Application

[armstrongceilings.com/capabilities](http://armstrongceilings.com/capabilities)  
See more photos at:  
[armstrongceilings.com/photogallery](http://armstrongceilings.com/photogallery)

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

## KEY SELECTION ATTRIBUTES

- Look of drywall in a seamless acoustical cloud
- Finished White ACOUSTIBuilt™ panels are part of the Sustain® portfolio and meet the most stringent sustainability compliance standards today
- Smooth non-directional, monolithic, drywall-like visual
- Add a hint of color, tailored to your design palette
- Quick, easy panel installation using Armstrong® Drywall Grid
- CleanAssure™ family of products – includes disinfectable panels, suspension systems, and trim
- Mold- and mildew-resistant surface
- Similar installation and finishing methods to drywall ceilings
- Easier to install than acoustical plaster at a lower cost

- Can be installed with most drywall-compatible light fixtures including those fixtures from our partners:
  - Axis - XAL
  - USAI - Price
- USDA Biobased content: 95%

## TYPICAL APPLICATIONS

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

## FINE TEXTURE FINISH FOR ACOUSTIBuilt™ PANELS



White  
(WH)

## COLOR TINTS OF YOUR CHOICE



Available in any light color tone!

NOTE: Custom color tints should have an LRV (Light Reflectance Value) of 0.70 or greater.

**new** **ACOUSTIBuilt™**  
Seamless Acoustical Ceiling  
Cloud Application  
fine texture

**USDA  
CERTIFIED  
BIOBASED  
PRODUCT**  
PRODUCT 95%

**SUSTAIN™**  
High Performance  
Sustainable Ceiling Systems  
(white only)

**Declare.**

**GREENGUARD**  
Gold Certified  
(details below)

**LEED® WELL™ LBC**  
UP TO **75% RECYCLED CONTENT**

energy management  
construction waste mgmt  
regional materials  
design for flexibility  
EPD  
recyclable/pre-consumer producer resp.  
biobased materials  
recycled content  
sourcing of raw materials  
material ingredient reporting  
low emitting materials  
lighting quality  
acoustics

LOCATION DEPENDENT

Calculate sustainability with GreenGenie™  
armstrongceilings.com/greengenie

**VISUAL SELECTION**

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



\* White Fine Texture Finish panel performance following the installation instructions.  
NOTE: Performance selection information above relates to item 2604 only. Acoustical Information for Cloud Application is shown below.

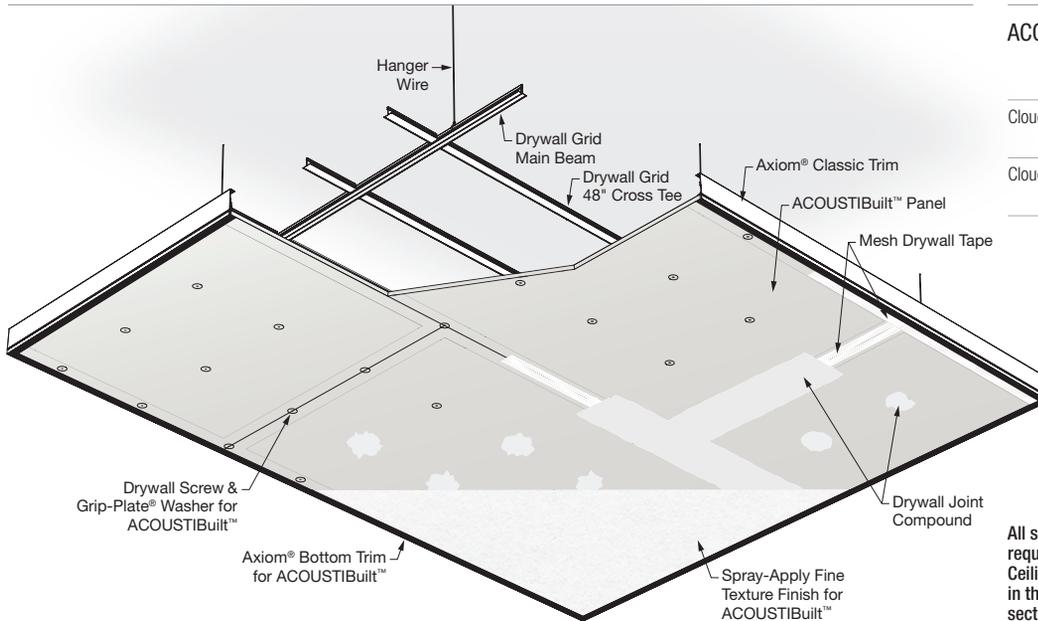
**PERFORMANCE SELECTION** Dots represent high level of performance (panel and grid).

UL Classified Acoustics	Total Acoustics <sup>1</sup>	Fire Performance	Light Reflect	Anti-Mold/Mildew	Sag Resistant	Certified Low VOC Emissions	CleanAssure™ Disinfectable Panels	Recycle Program	30-Yr Warranty
0.80 •	46 •	N/A	Class A •	0.87* •	•	•	Fog • Spray •	N/A	•

**ACOUSTICAL CLOUD INFORMATION**

	Sabin/SF
Cloud	0.80
Cloud w/ Infill 8200T10	1.33

All system components and finishing materials required to Installation of ACOUSTIBuilt Seamless Ceiling System in a Cloud application are detailed in the ACOUSTIBuilt Ceiling System product section of this catalog



**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 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.

**Anti-Mold/Mildew**  
Ceiling tiles with White Fine Texture Finish offer BioBlock® performance and resist the growth of mold and mildew on the tile 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**  
GREENGUARD Gold Certified  
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™ 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.

**PRODUCT CERTIFIED FOR LOW CHEMICAL EMISSIONS**  
UL.COM/66  
UL 2818



**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. When installed as a cloud, average sound absorption (Sabin/SF) is 0.80; The addition of acoustical infill panel options can increase sound absorption up to 1.33.

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

**10-Year Panel Warranty**  
Details at armstrongceilings.com/warranty

**Cleaning and Disinfecting**  
Cleaning and CDC approved disinfecting options available on armstrongceilings.com/cleaning

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

**Minimum Order Quantity**  
1 carton (10pcs)

