

Healthier
Spaces by
Design

AirAssure[®] Ceiling
Panels



Armstrong[®]
CEILING SOLUTIONS



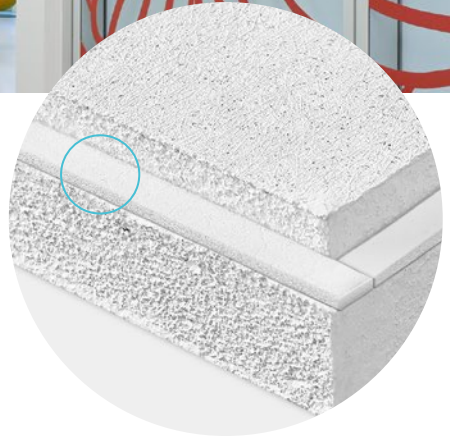
Calla® Health Zone™ AirAssure® panels with Suprafine® 9/16" suspension system, VidaShield UV24™ Air Purification System, USAI Lighting BeveLED® 2.2 Mini Trimless Acoustical Lighting

Indoor Environmental Quality for occupant comfort and w

Because we spend about 90% of our time indoors, Indoor Environmental Quality (IEQ) is crucial to our health and well-being. Acoustics, air quality, light, aesthetics, sustainable materials, and other factors all play a role in how well people perform and feel in a space. AirAssure® ceilings contribute to multiple IEQ facets including a new dimension of ceiling performance – cleaner air. They are ideal for offices, schools, manufacturing, healthcare, nursing homes, and spaces with special pressurization requirements.



Factory-Gasketed Edges
reduce air leakage for cleaner air

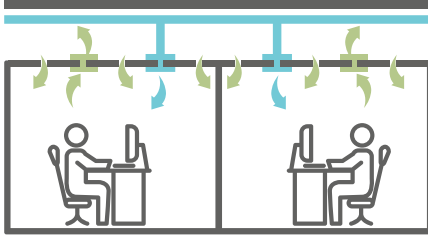


ty at the ceiling –
well-being.

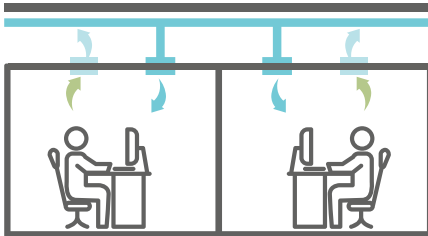
AirAssure®

Ceiling Panels

Air Leakage With Standard Panels



Air Leakage With AirAssure® Panels



■ Supply ■ Unfiltered Return ■ Filtered Return



Ultima® HealthZone™ AirAssure® panels with Silhouette® 9/16" suspension system and VidaShield UV24™ Air Purification System

Sealing the Ceiling for cleaner air and more.

AirAssure® panels with integrated factory-gasketed edges provide a tighter fitting ceiling to reduce air leakage. Additionally, AirAssure panels provide excellent sound blocking and can be used in clean room applications with standard non-gasketed suspension systems to achieve Clean Room performance up to ISO Class 5 (Class 100).

Multiple benefits for every space.

Up To
4x

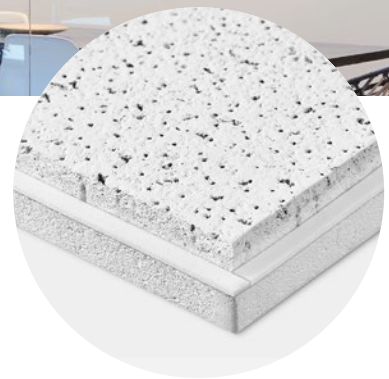
Reduces Air Leakage through the ceiling plane in a space up to 4x compared to panels without AirAssure® performance



Calla™ Health Zone™ AirAssure®
NRC 0.80 / CAC 40
(Lay-in & Tegular panels)



Ultima® Health Zone™ AirAssure®
NRC 0.70 / CAC 40
(Lay-in & Tegular panels)



School Zone® Fine Fissured™ AirAssure®
NRC 0.70 / CAC 42
(Lay-in panels)
NRC 0.70 / CAC 45
(Tegular panels)

er indoor air –

Clean
Room
ISO
Class **5**

Achieve Clean Room Performance up to ISO Class 5 (Class 100) with AirAssure® panels and standard non-gasketed suspension systems

Up To **75%**

Reduced Fan Energy usage by up to 75%* in pressurized spaces compared to ceiling panels without AirAssure® performance

Up To **45** CAC

Excellent Sound Blocking AirAssure® panels with Total Acoustics® performance provide up to 45 CAC

*Based on laboratory measurements in an approximately 1,000 cubic ft. (SFT3) space with ducted return at pressure difference of 0.020 (in WC). Actual results and savings may vary based on specific room configuration (size, configuration, MEP, pressure, etc.).



Ultima® HealthZone™ AirAssure® panels with Prelude® ML 15/16" suspension system and VidaShield UV24™ Air Purification System

A Holistic Approach for healthier spaces.

Now your ceiling can actively contribute to cleaner, quieter, safer spaces in more ways than ever, including:

- Improved indoor air quality
- Acoustical comfort
- Light quality
- Sustainable materials
- Inviting, welcoming spaces
- Cleanable, disinfectable surfaces



Calla® Health Zone™ AirAssure® panels with Prelude® 15/16" suspension system



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

Control Noise

The Total Acoustics® portfolio provides the ideal combination of sound absorption and sound blocking.

High CAC AirAssure® panels provide sound absorption and sound blocking, helping you create quiet spaces.



AirAssure® panels are part of the CleanAssure™ family of products. Clean and disinfect with confidence.



SUSTAIN®
High Performance
Sustainable
Ceiling Systems

Clean and Simple

Sustain® is a simple equation for better spaces. Clean means free of chemicals of concern, and simple means it's easy to find and specify products that meet the most stringent industry sustainability standards.

AirAssure panels are made of sustainable materials and contribute to a variety of green building standards.

AirAssure®
ceilings provide
Total Acoustics®
performance

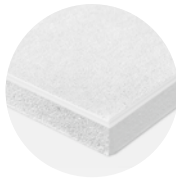
Calla®
Health Zone™
AirAssure®

BEST
NRC 0.80
CAC 40

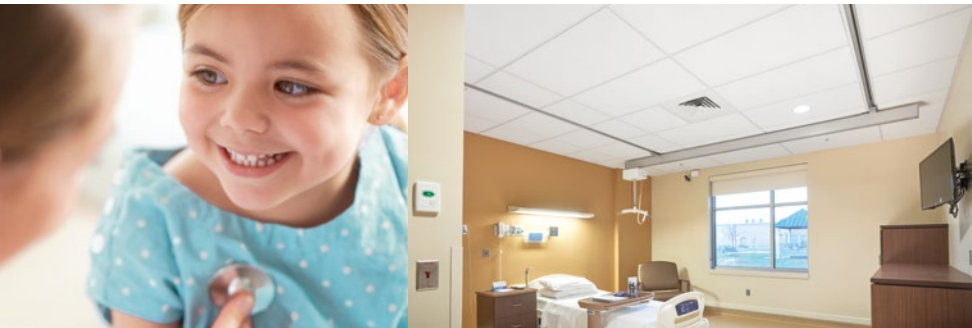
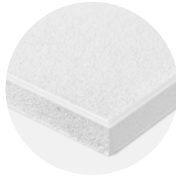
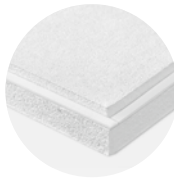
Ultima®
Health Zone™
AirAssure®

BETTER
NRC 0.70
CAC 40

Lay-in Panels



Tegular Panels

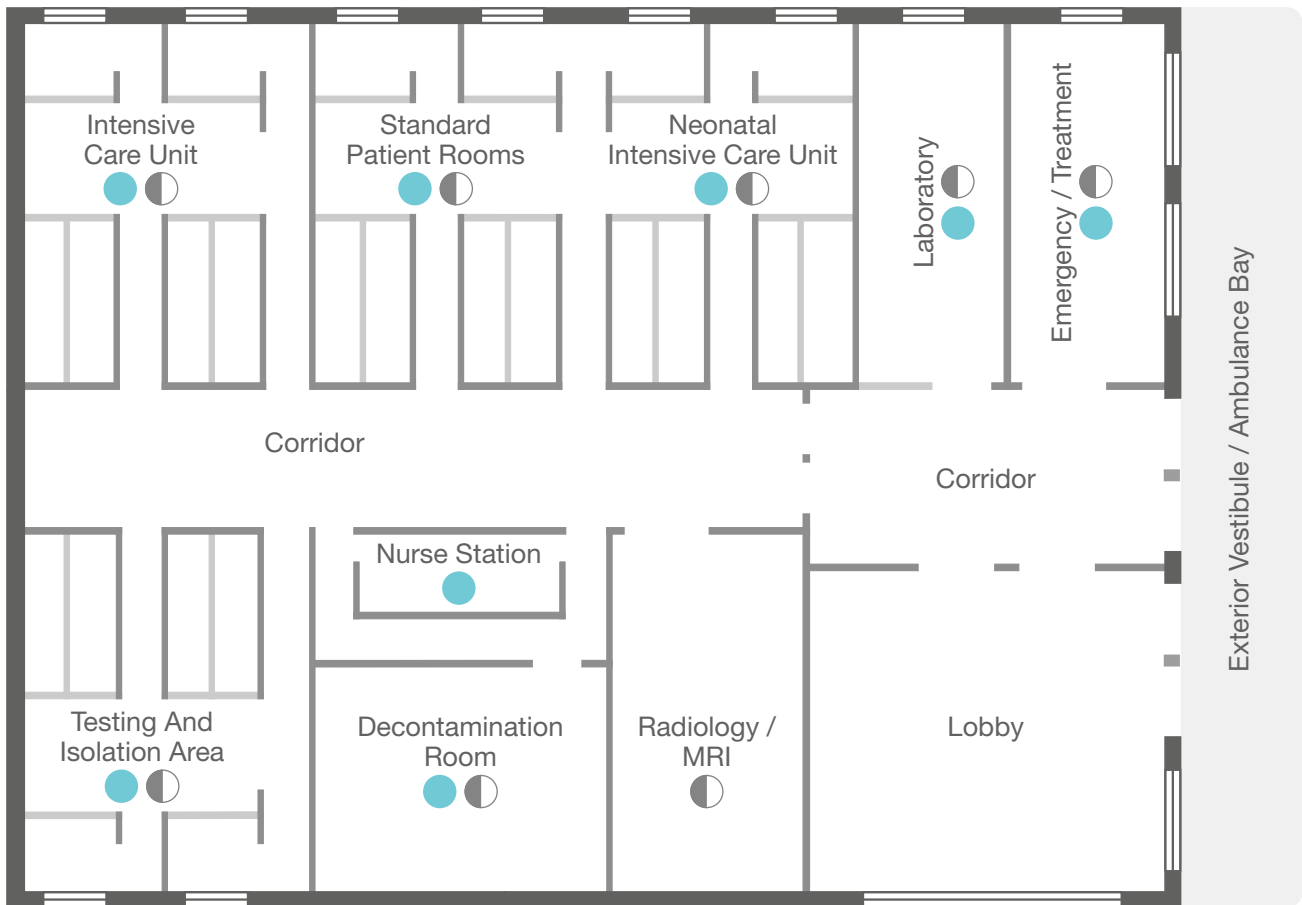


Learn more about “Ceiling Airflow Containment and Control” in a recent white paper

View the Encompass Hospital Case Study to learn how AirAssure made a difference

Healthcare. Design for flexibility.

Create high light reflectance, high-performance spaces for staff –and inviting healing spaces for patients and visitors. Contain and control airflow leveraging pressurized spaces to reduce the spread of airborne pathogens. Pressurize one space or an entire wing to meet surge capacity.



Why specify AirAssure® for healthcare spaces?

- Meets USDA/FSIS and FGI guidelines
- Reduces ambient hospital noise to help improve HCAHPA Survey scores while contributing to HIPAA speech privacy requirements with Total Acoustics® ceilings performance
- Achieves Clean Room performance up to ISO Class 5 (Class 100) – using standard non-gasketed suspension systems
- Allows faster/easier conversion to negative or positive pressure-controlled spaces (without the need for gasketed suspension systems or hold-down clips)
- Maintains access to systems above the ceiling
- AirAssure® panels are part of the CleanAssure™ family of products. Clean and disinfect with confidence.



Spaces with Special Pressurization Requirements

AirAssure ceilings allow easier conversion to negative or positive pressurized spaces.

AirAssure®
ceilings provide
Total Acoustics®
performance

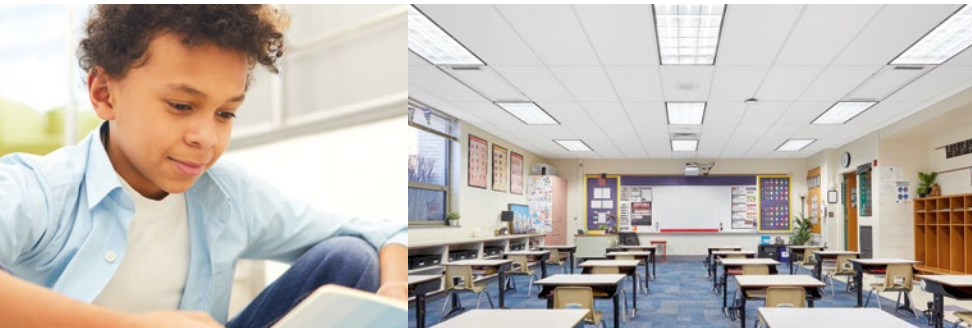
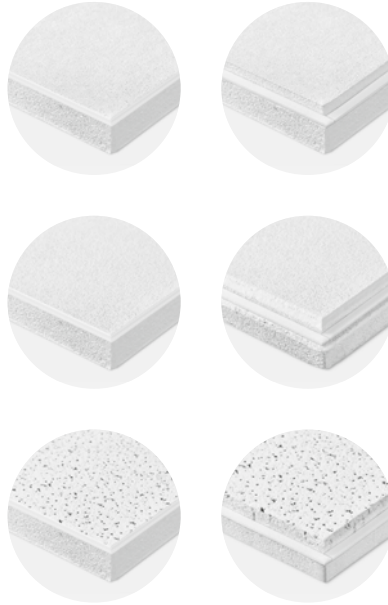
Calla®
Health Zone™
AirAssure®
BEST
NRC 0.80
CAC 40

Ultima®
Health Zone™
AirAssure®
BETTER
NRC 0.70
CAC 40

School Zone®
Fine Fissured™
AirAssure®
BETTER
NRC 0.70 / CAC 42 (Lay-in panels)
NRC 0.70 / CAC 45 (Tegular panels)

Lay-in Panels

Tegular Panels

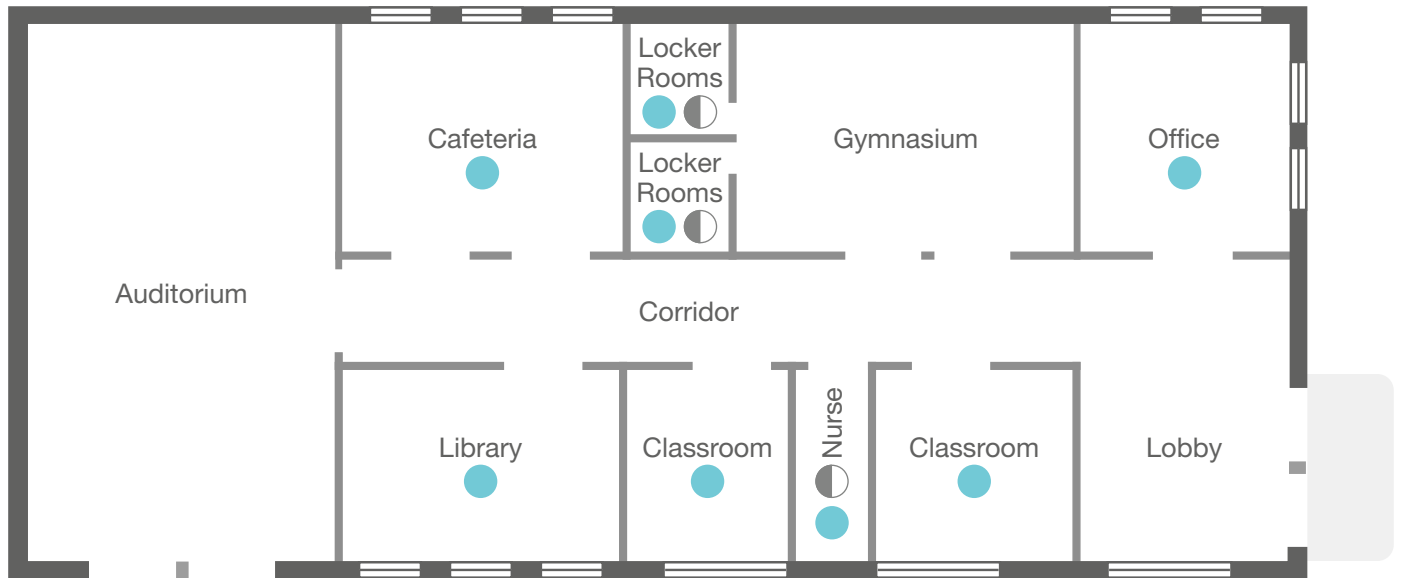


Explore one school's approach
to cleaner air for classrooms
using VidaShield UV24™
Air Purification System with
AirAssure panels

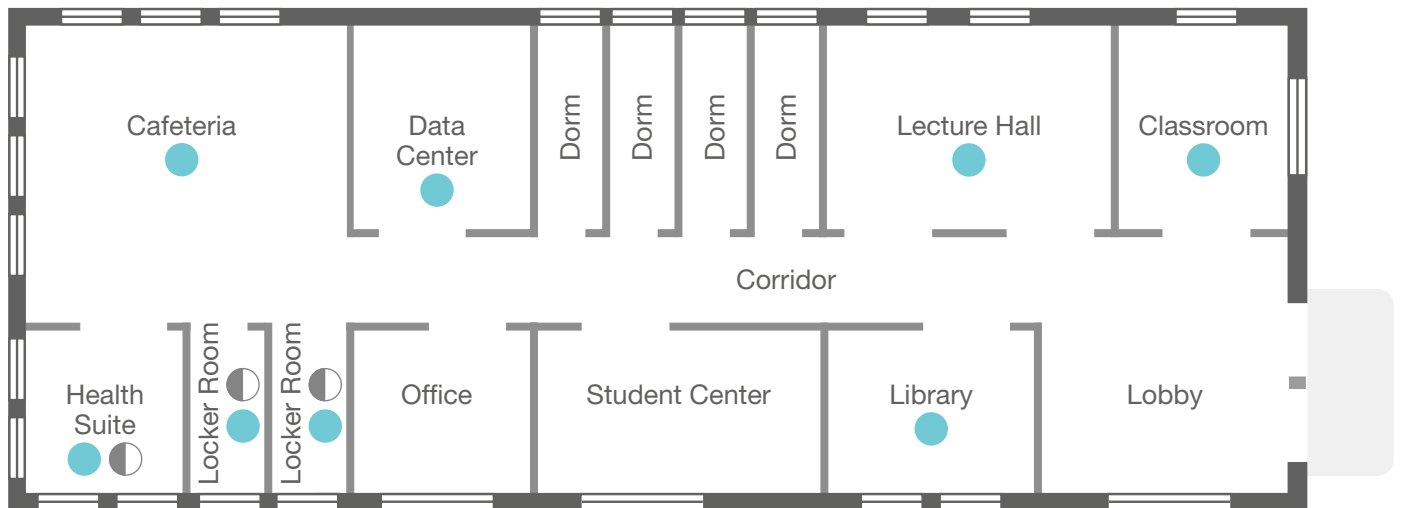
Education. Adaptive learning environments.

AirAssure® ceiling panels help improve air quality, control noise, and create durable, brighter, healthier, safer, environments. Use AirAssure in K-12 and higher education including classrooms, lecture halls, offices, data centers, libraries, and ASHRAE recommended pressure-controlled environments such as health suites, nurses' offices, and locker rooms. The ceiling materials you specify will have a direct impact on both teacher effectiveness and student outcomes.

K-12



Higher Education



● Why specify AirAssure® for learning spaces?

- Total Acoustics® ceilings, allows you to meet or exceed ANSI standards, contribute to LEED® credits, and create a better place for teachers to teach and students to learn
- Meets ASHRAE 189.1 which recommends ceilings with CAC ratings equal to the wall STC rating for reduced sound transfer between adjacent rooms
- Controls and contains airflow within rooms to reduce the spread of viruses, bacteria, and fungi
- ASHRAE recommends health suites and locker rooms benefit from being designed as pressure-controlled spaces

◐ Spaces with Special Pressurization Requirements

AirAssure ceilings allow easier conversion to negative or positive pressurized spaces.

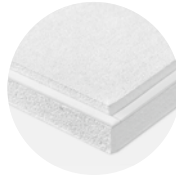
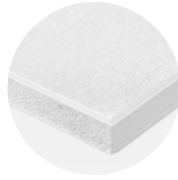
AirAssure®
ceilings provide
Total Acoustics®
performance

Lay-in Panels

Tegular Panels

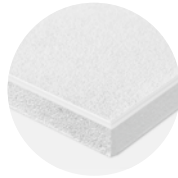
Calla®
Health Zone™
AirAssure®

BEST
NRC 0.80
CAC 40



Ultima®
Health Zone™
AirAssure®

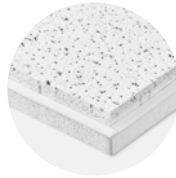
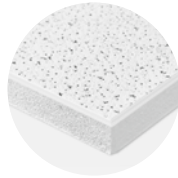
BETTER
NRC 0.70
CAC 40



School Zone®
Fine Fissured™
AirAssure®

BETTER

NRC 0.70 / CAC 42 (Lay-in panels)
NRC 0.70 / CAC 45 (Tegular panels)

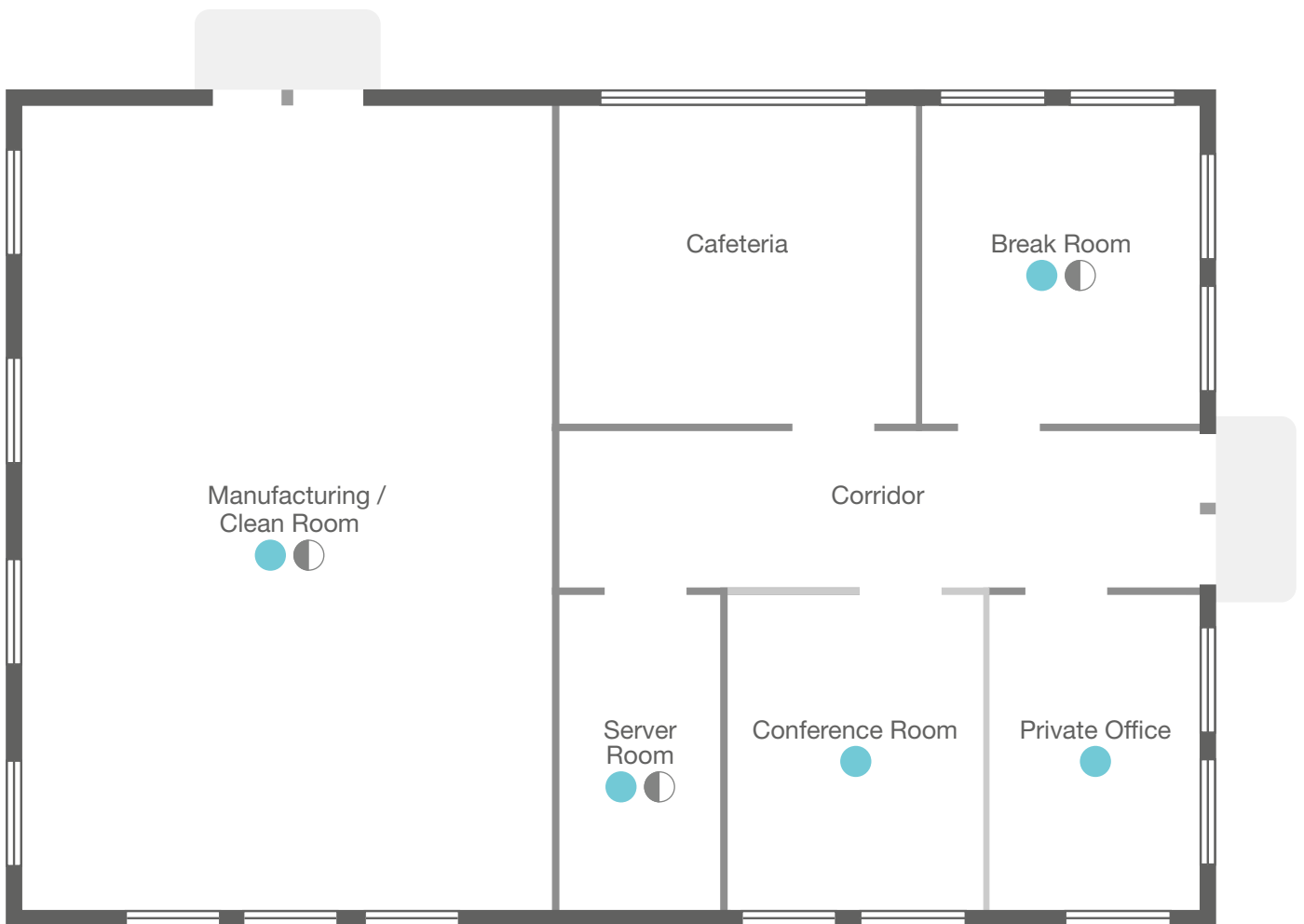


Learn why CMD Construction
chose AirAssure® panels and
VidaShield UV24™ Air Purification
for their healthy office space

Workspaces. Healthy design at work.

The work environment plays a key role in the health and well-being of employees. Now, you have future-ready, flexible ceiling design options that contribute to air quality by addressing ventilation effectiveness – in addition to acoustics, lighting, aesthetics, and sustainable materials. These factors enhance overall IEQ for employee wellness, satisfaction, and productivity in offices and manufacturing facilities.

Environments for healthy productivity.



Why specify AirAssure® for work spaces?

- Contributes to a holistic approach to improved indoor air quality and healthy workspace design
- Provides excellent sound absorption and sound blocking with Total Acoustics® performance:
 - Improves speech privacy in adjacent closed offices
 - Reduces noise in open, unassigned spaces and keeps noise from traveling into adjacent rooms
 - Creates flexible environments for the changing workplace
- Protects equipment and employees within pressurized manufacturing spaces



Spaces with Special Pressurization Requirements

AirAssure ceilings allow easier conversion to negative or positive pressurized spaces.

VidaShield UV24™

Did you know there is an active way to improve air quality that is compatible with AirAssure panels?

Watch the video to see how the Armstrong VidaShield UV24™ System pairs with Ultima® or School Zone® Fine Fissured™ AirAssure® panels for safe, unobtrusive in-ceiling air purification.

[View Datapage for VidaShield UV24™](#)



AirAssure® ceilings are part of the Sustain® portfolio and help you create healthier spaces by design. Here's how:

- Contribute to:
 - LEED® v4.1
 - Living Building Challenge®
 - WELL Building Standard™
 - Fitwel® Building Standard
- Are free of Red List chemicals per Living Building Challenge
- Have Health Product Declarations (HPDs) which tell you what's in the products
- Have Environmental Product Declarations (EPDs) which tell you the impact of the products
- Have Declare® labels – easy reference “nutrition labels”
- Are UL Greenguard® Gold Certified and meet California Department of Public Health (CDPH) low emissions standards
- USDA BioBased certification














Choose well for every space.

Turn to Armstrong for a suite of healthy spaces solutions that contribute to many facets of indoor environmental quality, including cleaner air, and that benefit people in all types of spaces.

Calla® Health Zone™ AirAssure® smooth texture

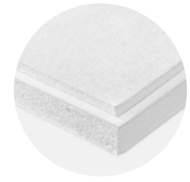
[View Datapage](#)

	Item No.	Dimensions (Inches)	UL Classified Acoustics		
			NRC	CAC	Total Acoustics ¹
15/16" Square Lay-in 	2228	24 x 24 x 1" 	0.80	40	BEST 
	2229	24 x 48 x 1" 	0.80	40	BEST 
15/16" Square Tegular 	1354	24 x 24 x 1" 	0.80	40	BEST 
	1359	24 x 48 x 1" 	0.80	40	BEST 
9/16" Square Tegular 	1353	24 x 24 x 1" 	0.80	40	BEST 
	1358	24 x 48 x 1" 	0.80	40	BEST 

Get extra sound blocking and speech privacy performance with AirAssure® ceilings.














Calla® Health Zone™ AirAssure® Lay-in

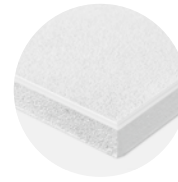


Calla® Health Zone™ AirAssure® Tegular

Ultima® Health Zone™ AirAssure® fine texture

[View Datapage](#)

	Item No.	Dimensions (Inches)	UL Classified Acoustics		
			NRC	CAC	Total Acoustics ¹
15/16" Square Lay-in 	1950	24 x 24 x 1" 	0.70	40	BETTER 
	1959	24 x 48 x 1" 	0.70	40	BETTER 
15/16" Beveled Tegular 	1352	24 x 24 x 3/4" 	0.70	40	BETTER 
9/16" Beveled Tegular 	1351	24 x 24 x 3/4" 	0.70	40	BETTER 













Ultima® Health Zone™ AirAssure® Lay-in

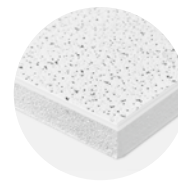


Ultima® Health Zone™ AirAssure® Tegular

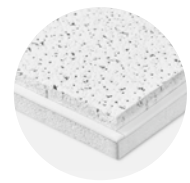
School Zone® Fine Fissured™ AirAssure® medium texture

[View Datapage](#)

	Item No.	Dimensions (Inches)	UL Classified Acoustics		
			NRC	CAC	Total Acoustics ¹
15/16" Square Lay-in 	2806	24 x 24 x 3/4" 	0.70	42	BETTER 
	2807	24 x 48 x 3/4" 	0.70	42	BETTER 
15/16" Angled Tegular 	1356	24 x 24 x 3/4" 	0.70	45	BETTER 
	1357	24 x 48 x 3/4" 	0.70	45	BETTER 



School Zone® Fine Fissured™ AirAssure® Lay-in



School Zone® Fine Fissured™ AirAssure® Tegular

¹ Total Acoustics® ceiling panels have an ideal combination of sound absorption and sound blocking in one product.
GOOD (NRC 0.60-0.65; CAC 35+)
BETTER (NRC 0.70-0.75; CAC 35+)
BEST (NRC 0.80+; CAC 35+)

Take the Next Step

1 877 276 7876

Customer Service Representatives
7:45 a.m. to 5:00 p.m. EST
Monday through Friday

TechLine – Technical information, detail drawings, CAD design assistance, installation information, other technical services – 8:00 a.m. to 5:30 p.m. EST, Monday through Friday – 877-276-7876 or email: techline@armstrongceilings.com

For help with your project indoor air quality decisions and options, connect with a subject matter expert: armstrongceilings.com/airassure

armstrongceilings.com/commercial

Latest product news
Standard and custom product information
Online catalog
CAD, Revit®, SketchUp® files
A Ceiling for Every Space® Visual Selection Tool
Product literature and samples – express service or regular delivery
Contacts – reps, where to buy, who will install

ProjectWorks® Design & Construction Services

Faster, more efficient, collaborative design, estimating and take-offs.
armstrongceilings.com/projectworks



On the Cover:
Calla® Health Zone™ AirAssure® panels with Suprafine® 9/16" suspension system, VidaShield UV24 Air Purification System, and USAI Lighting Beveled® Square Light Fixtures
Armstrong World Industries, Living Lab, Lancaster, PA

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Learn more at armstrongceilings.com/airassure

