



*Create a sense of well-being with*

- Cleaner air
- Disinfectable surfaces
- Brighter, quieter spaces
- Sustainable materials
- Design choices that inspire

What's  
**NEW**

2021/1 –  
24/7 Defend Portfolio

# A healthy space is ... a space supportive of well-being

In recent research with our customers, you shared that helping occupants feel safe and creating a space that is supportive of well-being are front & center.

- Clean, contained, controlled air
- Disinfectable surfaces
- Quieter, brighter, calmer surroundings
- Ways to maintain social distance
- Beautiful, nurturing, sustainable materials & inspiring designs

Throughout the Armstrong portfolio, a multitude of solutions await you to help create a sense of well-being and confidence for those returning to work, learn, heal, and play. Let us know how we can help.



## Making Space For A Resilient Future

Key Findings Of The 2021 Indoor Occupants Pulse Point Survey

### Preparing workspaces for returning workers isn't just about COVID-related safety improvements.

**86%**

of respondents expect to feel very or somewhat safe in their workspace when they return to work.

**83%**

of respondents expect to feel that their workspace will be prepared and adaptable for future events such as another pandemic or the changing climate.

**84%**

of respondents expect to feel that their workspace will be an environment which is supportive of the well-being of people.

### Addressing indoor workspace should move beyond just fixing pandemic-related health and safety concerns toward approaches that are more holistic in nature.

Workspaces can and should be prepared to be safe and healthy, supportive of well-being, and adaptable for the future.

Factors important to creating resilient workspaces	Very important	Overall importance
Regular cleaning and disinfecting surfaces	77%	92%
All ventilation that is a full garage	69%	92%
Particulate	63%	88%
Largest floor for social distancing	53%	88%
Touchless faucets	53%	80%
Touch disinfectant workspaces and air	50%	80%
Open for group collaboration	49%	88%
Access to outdoors	49%	80%
Open-circuit ventilation and exhaust	45%	80%
Lots of natural light	42%	84%
Windows that open	42%	78%
Windows that keep out heat	41%	80%

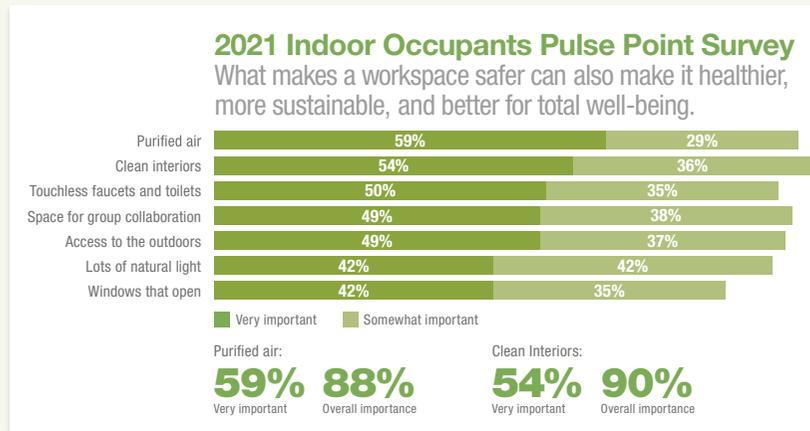
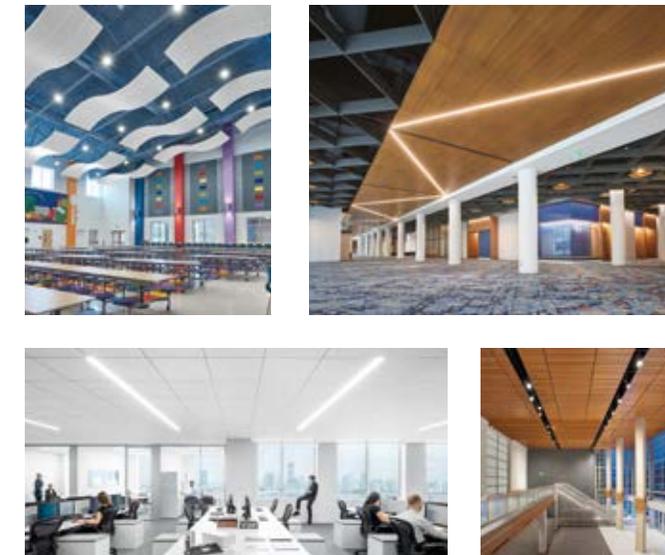
Volatility and ongoing changes to spaces caused by pandemics, climate change and more, are here to stay, but working safely and comfortably within indoor environments is possible.

WHAT MAKES A HEALTHY SPACE?

**Clean the Air:**  
Armstrong VidaShield UV24™  
Air Purification System



**Disinfectable Ceilings:** CleanAssure™  
Portfolio of Ceilings, Walls, & Installation Systems



Here's our latest portfolio of solutions to help you address building occupant concerns and create healthier spaces.

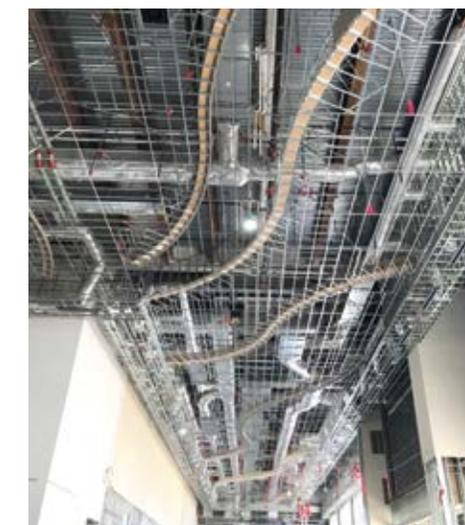
**THE 24/7 DEFEND™ PORTFOLIO OF PRODUCTS HELP CONTAIN, CLEAN, AND PROTECT**

The 24/7 Defend™ Portfolio is ideal for any environment to reassure people that they are surrounded by materials and systems that work 'round the clock to keep them healthier and safer.

**Contain and Control Air:** AirAssure™ Ceiling Tiles



**Protect:**  
Partitions, Dividers & Screens



**Protect:**  
Portfolio of Pre-Engineered Installation Solutions

CONTAIN, CLEAN, AND PROTECT





## Contain and control the air

### AirAssure™ Ceiling Panels

- Ceiling panels with integral AirAssure™ seal contribute to cleaner, healthier, safer indoor air quality for every space
- Retrofit options for improved air containment
- Reduce air leakage through the ceiling plane in a space up to 4X compared to standard tiles
- Increase effectiveness of in-ceiling air filtration and purification systems up to 40%
- Easy conversion to negative or positive pressure-controlled spaces (without hold-down clips)
- Convert existing spaces to containment areas quickly using existing suspension systems
- MEP remains easily accessible

## New sizes and textures

### Calla® Health Zone™ / Ultima® Health Zone™ / School Zone® Fine Fissured™ AirAssure™ Panels

- Easy retrofit option for improved air control in office, education, healthcare, assisted living facilities, and anywhere improved indoor air quality is desired
- new** – Clean Rooms up to ISO Class 5 (Class100) – Calla® and Ultima® Health Zone™ AirAssure™
- Available in 9/16" & 15/16" Tegular edges:
- new** – School Zone® Fine Fissured™ AirAssure™ – Medium texture, 24" x 24"; 24" x 48"
- new** – Calla® Health Zone™ AirAssure™ – Smooth texture, 24" x 24"; NEW 24" x 48"
- Ultima® Health Zone™ AirAssure – Fine texture, 24" x 24"

Factory-sealed panel edges



Calla® Health Zone™ AirAssure™



Ultima® Health Zone™ AirAssure™



School Zone® Fine Fissured™ AirAssure™

Increase effectiveness of HVAC to control and improve air flow



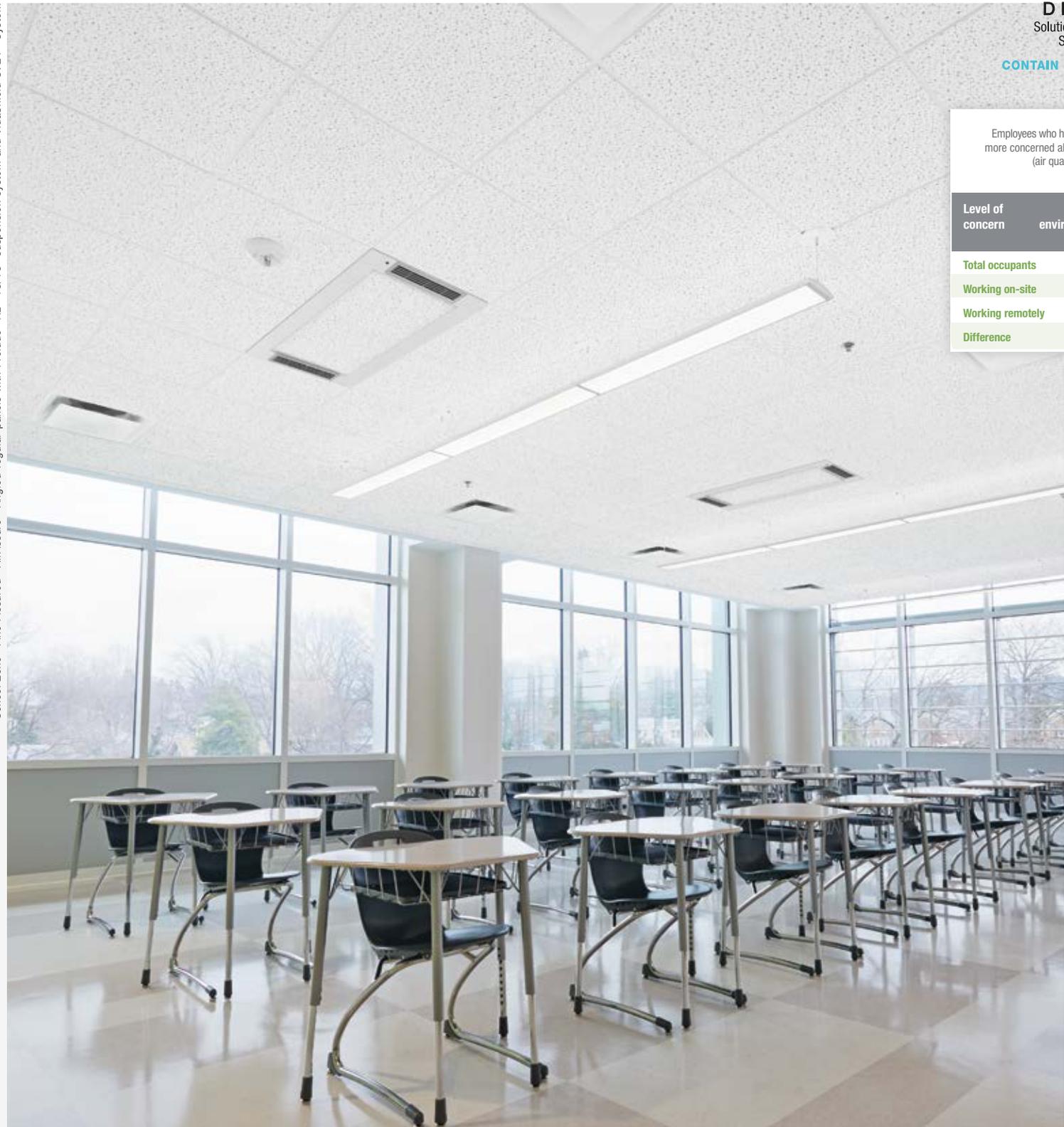
24/7 DEFEND™  
Solutions for Healthier, Safer Spaces

CONTAIN CLEAN PROTECT

Employees who have been remote are **19%** more concerned about the indoor environments (air quality and surfaces).

Level of concern	Concerned about indoor environment (air quality, surfaces)		
	Very	Some	Concern
Total occupants	29%	36%	65%
Working on-site	25%	32%	57%
Working remotely	38%	38%	76%
Difference	13%	6%	19%

School Zone® Fine Fissured™ AirAssure™ Angled Tegular panels with Prelude® XL® 15/16" suspension system and ViroShield DV24™ System



CONTAIN AND CONTROL THE AIR

Clean the air 24 hours a day, 7 days a week



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## VidaShield UV24™ Air Purification

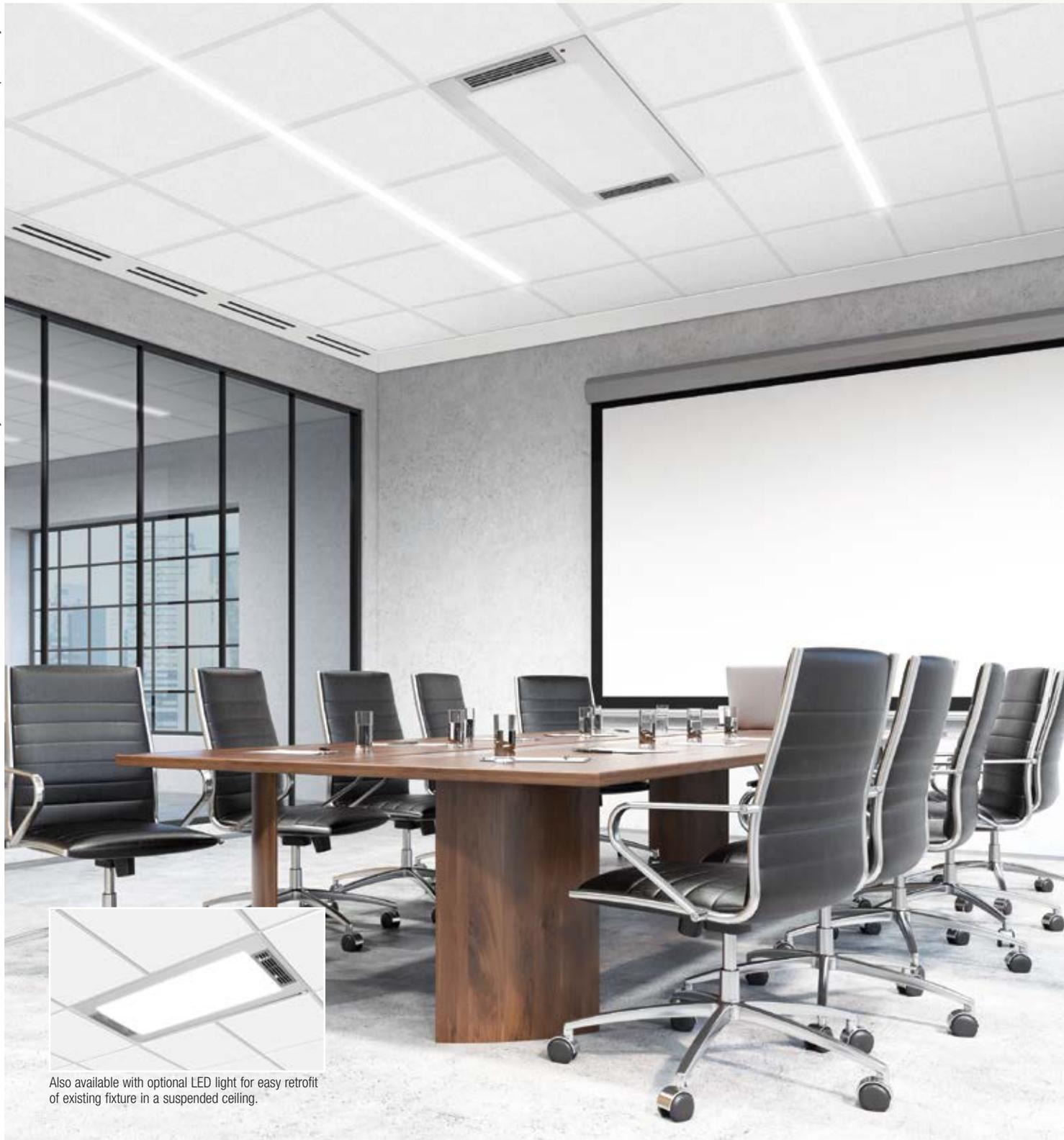
### **new** Continuous Air Cleaning

- Improves Indoor Air Quality
- Seamlessly integrates with popular Armstrong® ceilings and suspension system finishes including Ultima® HealthZone™ AirAssure™ panels and School Zone™ Fine Fissured™ AirAssure™
- No staff intervention needed to operate
- 24/7 continuous air cleaning reduces the spread of infectious aerosols through the air and settling on surfaces
- Proven UV-C air-cleaning technology
- Patented self-contained UV-C chamber hidden in the ceiling plenum
- Neutralizes 97% of pathogens in aerosols on the first pass of air through UV-C chamber in 3rd-party test conditions
- Increase air changes for better ventilation
- Increased ACH (air changes per hour) is recommended by ASHRAE and CDC as a COVID-19 mitigation strategy
- Increase germicidal efficacy without the production of ozone
- Safe for use in occupied spaces



CLEAN THE AIR

VidaShield UV24™ Air Purification System with Ultima® Health Zone™ Panels and Prelude® 15/16" Suspension System



Also available with optional LED light for easy retrofit of existing fixture in a suspended ceiling.

# Disinfect with confidence

## CLEANASSURE™

Cleanable, disinfectable ceiling panels, specialty ceilings, suspension systems, trims, and partitions that help make spaces cleaner and healthier.

Before COVID, panel cleanability was important in specific applications, like clean rooms, kitchens, and laboratories. Now, with recommendations from the CDC for disinfecting and cleaning all types of spaces beyond special applications, Armstrong has tested our most popular mineral fiber and fiberglass ceiling tiles, specialty ceilings, suspension systems, trims and partitions to give you the information you need on how to clean (fog, spray, or wipe) and which EPA approved disinfectants may be used. So you can disinfect and clean with confidence.

See our website for a full range of CleanAssure™ products

**CEILING TILES**  
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**CEILING TILE SOLUTIONS**

CALL HEALTH ZONE   OPTIM HEALTH ZONE   ULTRAHEALTH ZONE   CILKA   ULTRALIGHT AIR TILES AIR

**SPECIALTY CEILINGS**  
Sometimes, we don't think of specialty ceilings and cleanability. Now, with new recommendations from the CDC for disinfecting and cleaning all types of spaces, Armstrong has tested specialty ceilings to give you the information you need to disinfect and clean.

**SPECIALTY CEILING SOLUTIONS**

HEALTHCARE TILES   MICROBIOMES LINEAR STAINLESS STEEL   MICROBIOMES LINEAR SOLID MICROBIOMES   METALWORK SURFACES FOR MICROBIOMES

**INSTALLATION SYSTEMS**  
While you're disinfecting or cleaning ceilings, can you also use those same cleaning products on the suspension systems and products in our cleaning recommendations or think to question about cleaning your entire ceiling system, then, we will.

**INSTALLATION SYSTEM SOLUTIONS**

RELIABLE FINE   ENVIRONMENTAL LEAD FREE CLIP FOR PRELUS PL   BLANCKETS PL   ENLARGING   SUPRATIME PL 1/2"

**PARTITIONS, DIVIDERS & SCREENS**  
Transform meeting spaces using artfully designed, ergonomic, and easily cleanable wall partitions, available as standard or Field Disinfect and clean with confidence, as you share functional environments for today and tomorrow.

**PARTITION, DIVIDER & SCREEN SOLUTIONS**

INFUSIONS HEALTHY PARTITIONS



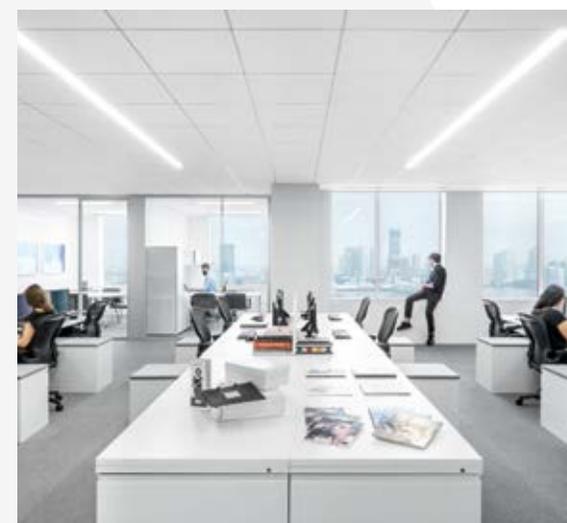
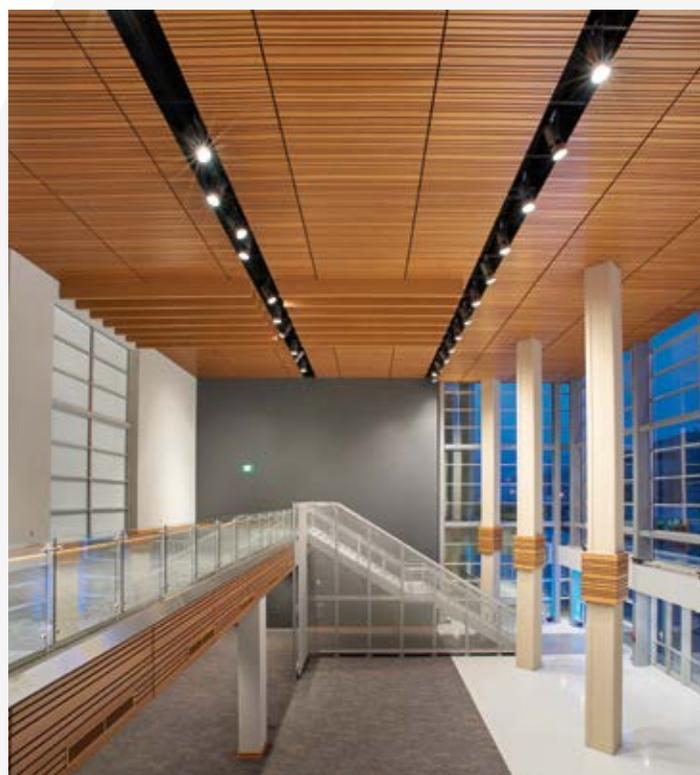
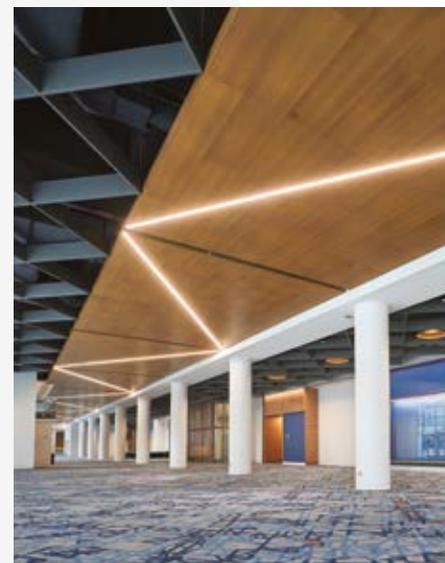
Fog



Spray



Wipe



24/7 DEFEND™  
Solutions for Healthier, Safer Spaces

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CLEAN AND DISINFECT

Reimagine floor plans while safely and aesthetically defining spaces



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Solutions for Healthier, Safer Spaces

**CONTAIN CLEAN PROTECT**

Employees who have been remote are **22%** more concerned about social distancing than those who are already on-site or who never left their workspace.

Level of concern	Concerned about # people, social distancing in workspace		
	Very	Some	Concern
Total occupants	29%	36%	65%
Working on-site	25%	30%	55%
Working remotely	34%	43%	77%
Difference	9%	13%	22%



Infusions™ Resilient Partitions



Moz Designs Acrylic Dividers

## Partitions, Dividers, and Screens

Create navigation flow and accommodate social distancing

### Standard

Infusions™ Resilient Partitions

Transform existing shared spaces into segmented areas with standard large format wall panels artfully designed in 15 patterns and colors to separate areas and provide visual barriers.

### Custom

Turf Design

Choose from a large portfolio of custom barriers and screen solutions in a variety of patterns, sizes, and colors that can help separate from distractions and increase visual and acoustical privacy on-demand.

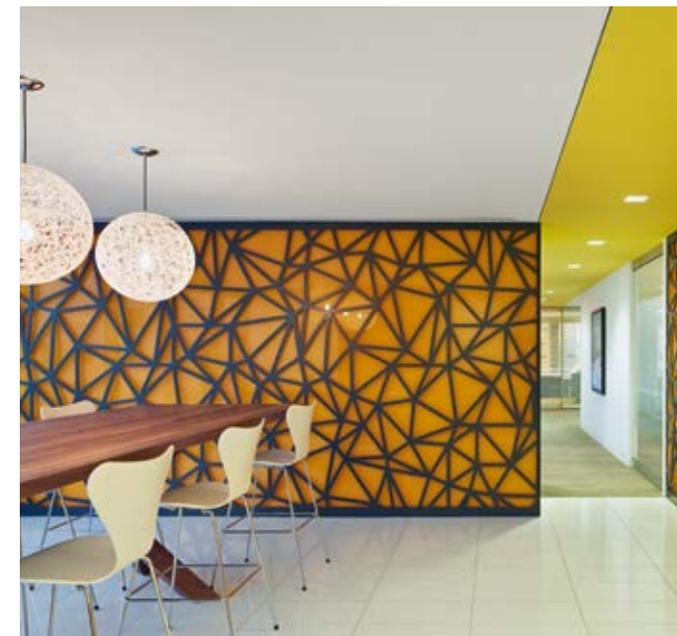
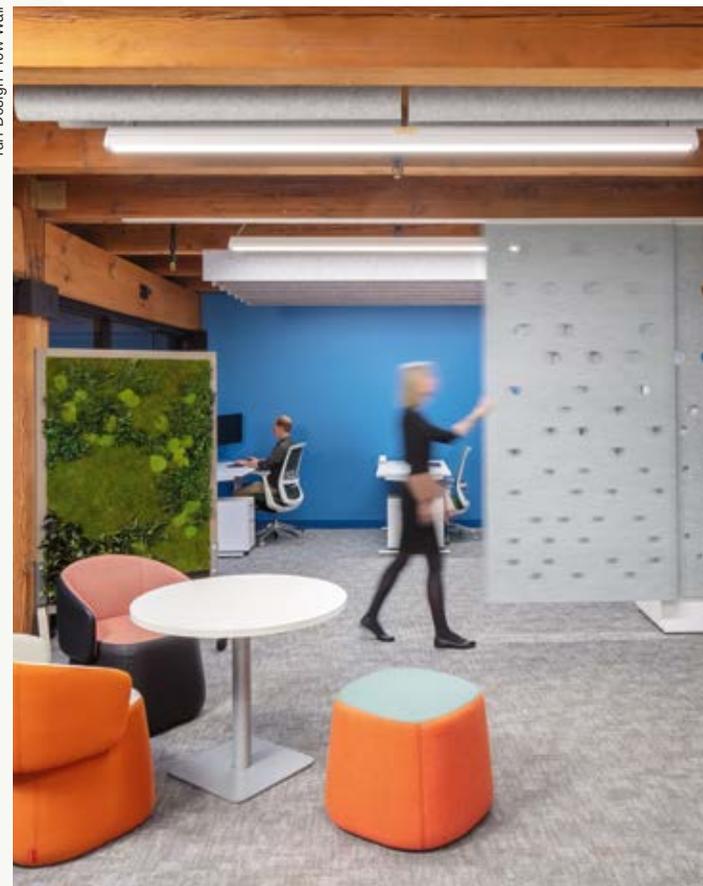
Moz Designs

Create beautifully safe spaces with materials that meet the moment. Navigate flow and establish boundaries for safe distancing with new acrylic materials, and a variety of metal options.

Arktura

Easily divide and define spaces, creating calm semi-enclosed spaces that provide tools for comfort, privacy, and safety. Reduce the impact of noise through flexible designs and high performance.

Turf Design Flow Wall



Arktura™ Custom Metal Screen

FLOOR PLAN FLEXIBILITY

*Fewer installers on site with solutions that get you on and off the job faster, easier, better*



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

**CONTAIN CLEAN PROTECT**



Axiom® Indirect Curved Light Cove

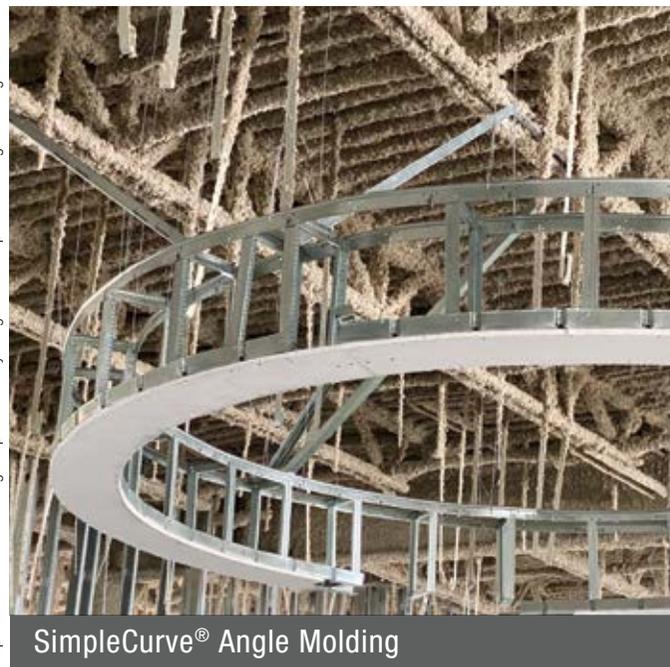
Suspended curved light cove using SimpleSoffit™ drywall grid with SimpleCurve™ angle molding

## Pre-Engineered Solutions

Pre-engineered solutions from Armstrong Ceilings maintain original design integrity while reducing man hours and number of installers required for the job. Tackle the challenge of social distancing hand-in-hand with solutions that take the risk and guesswork out of onsite fabrication.

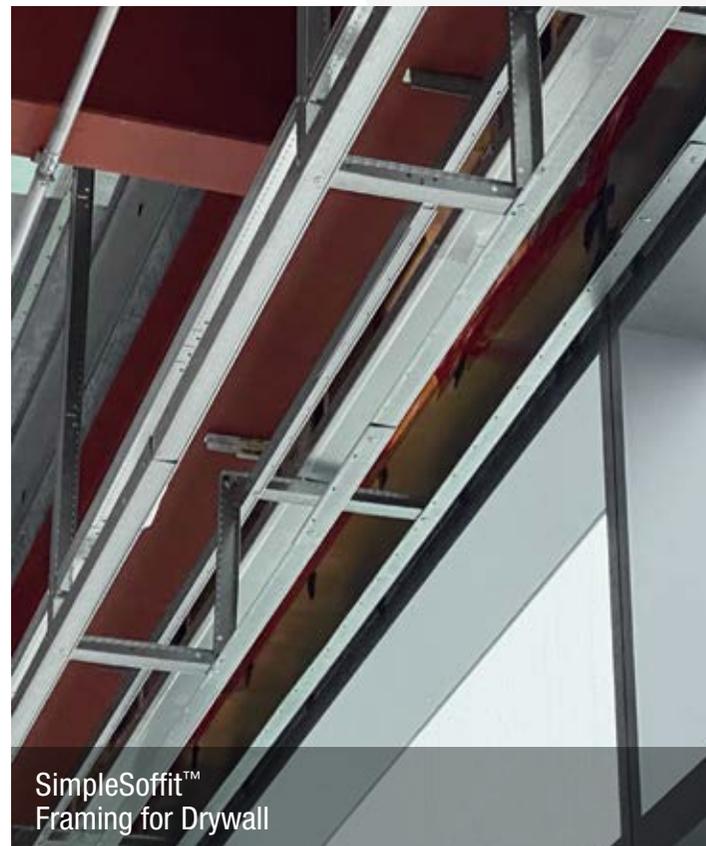
A wide variety of new and complementary solutions:

-  – Bend-and-click soffit solution eliminates pre-fabrication time and labor
-  – Direct and indirect light cove solutions ensure fit and finish for acoustical and drywall perimeters
-  – Transition moldings ensure a precise fit between any two Armstrong® ceiling systems or changes in ceiling height



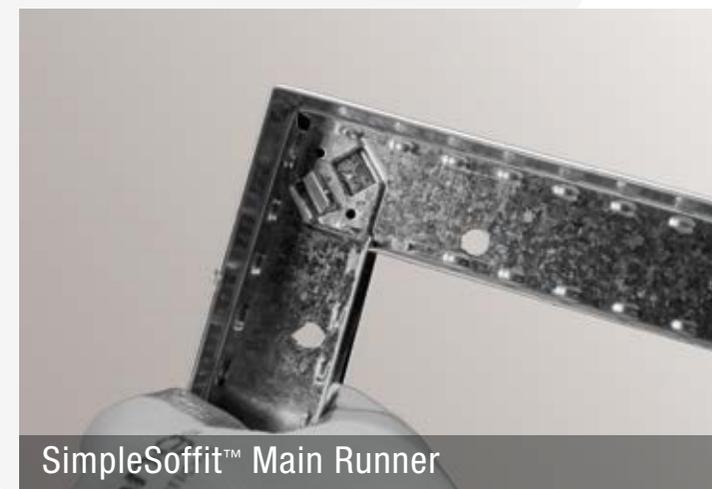
SimpleCurve® Angle Molding

Suspended curved soffit using SimpleSoffit™ drywall grid and SimpleCurve® angle molding



SimpleSoffit™ Framing for Drywall

SimpleSoffit™ drywall framing with Knurled Angle Molding



SimpleSoffit™ Main Runner

SimpleSoffit™ drywall grid bends and clicks into shape right out of the box

SAFER, HEALTHIER JOBSITES



## Healthy Spaces at Armstrong

### Our Living Lab

**On the cover:** It's our new Living Lab at our Corporate Headquarters in Lancaster, PA. The 10,000 sq. ft., fully-equipped office space occupies the main floor of the Avenue, our customer experience showroom. It's a living, breathing space where new solutions take shape, from systems creating cleaner air and enhancing effectiveness of HVAC systems to piloting new installation methods, materials, shapes and design concepts.

Employees work in the space, providing feedback on a variety of individual and collaborative areas that are great looking, and designed with optimal acoustics, lighting, cleanliness, comfort, and exceptional air quality in mind ... in other words, healthy spaces.

The Living Lab uses digital sensors that connect to the building management system to report metrics such as temperature, air quality, occupancy density, cleaning and disinfecting alerts, and other biomechanical data that is displayed real-time on large monitors to assure people that they can feel confident in their healthy surroundings while working in the building.

The goal of this Living Lab, as well as focus areas in our manufacturing facilities, is to learn how we can help make post-COVID spaces safer, more comfortable, more efficient, and more inspiring places to be.

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[armstrongceilings.com/commercial](https://armstrongceilings.com/commercial)

Cover Photo:  
Calla® AirAssure™ Ceiling Panels with  
VidaShield UV-24™ Air Purifiers and  
AcoustiBuilt® Seamless Drywall  
Ceiling System

**Armstrong**<sup>®</sup>  
CEILING & WALL SOLUTIONS