



PLACES THAT PROTECT AND HEAL

Every Space Can Be
a Healthy Space

CREATING THE OPTIMAL HEALING SPACE

Optima® Tegular 9/16" Suprafine® XL®
Suspension System; Penn State Health
Pediatric Hospital, Lancaster, PA

Creating spaces that elevate patient care and comfort are a top priority as well as preventing hospital acquired infections (HAI) and viruses to protect everyone in the healthcare environment.

As you choose materials for patient spaces for waiting rooms, corridors, ICUs, and recovery rooms, remember that Armstrong provides solutions that are sustainable, functional, and cleanable.



Fine Fissured™ Panels;
Kaiser Associates, Washington, DC



PATIENT COMFORT

Hospital noise can affect patient recovery and experience. Specify our high-performance ceilings, many of which have Total Acoustics® performance, that provide sound absorption and sound blocking in one product. Often, these ceiling options also meet hospital standards for washability, anti-mold, anti-microbial, and fire safety.

PRIVACY

HIPAA (Health Insurance Portability and Accountability Act), HCAHPS (Hospital Consumer Assessment of Healthcare Provider Systems), and the FGI (Facilities Guidelines Institute for Healthcare) make proper acoustics in healthcare facilities more important than ever for patient privacy and experience.

INFECTION PREVENTION

Armstrong products provide attributes that make them perfect for healthcare applications. Wash, spray, or fog the CleanAssure™ family of products to add to your infection prevention strategy. Don't forget to ask us about our Clean Room™ products to provide excellent acoustics while being ISO Class 5 certified and contain 76% recycled materials. Additionally, we've created the AirAssure® family of products that help keep pressurized spaces working correctly, while providing the ISO Class 5 certification.

SUSTAINABILITY

We are committed to transparency in creating healthy environments, including products that are free of chemicals of concern. Our Health Zone™ product family provides cleanable, disinfectable ceiling tiles that are part of our Sustain® portfolio, meeting the most stringent industry sustainability requirements.

PROVIDING TOTAL ENVIRONMENTAL QUALITY

BIOPHILIC DESIGN

Biophilic design is proven to have restorative properties. By adding beautiful, natural, serene elements to a space, patients will notice a difference in how they heal and recover. We offer design services and stunning products that incorporate biophilic design in any healing space.

INDOOR AIR QUALITY

Improving indoor air quality goes hand-in-hand with infection prevention and protecting patients and staff. The Armstrong 24/7 Defend™ air purification portfolio offers air disinfection and air filtration that meet ASHRAE and EPA guidelines for improving air quality. Cleaning the air, plus increasing air changes per hour (ACH), is essential to outstanding indoor environmental quality.





THE RIGHT CEILING FOR THE RIGHT SPACE

Calla® Health Zone™ with Suprafine® 9/16" Suspension System and Axiom® Trim

LOBBIES & WAITING AREAS

The facility's main lobby can set the tone for the entire design theme and personality of a building. Waiting areas also play an important role in alleviating the stress and anxiety that often accompany a visit to the hospital. Whether the goal is to inspire, decrease stress, or simply to cause a person to stop and take a deep breath, our full portfolio of product options may be used to achieve the effect you intend.



Ultima® Health Zone™ AirAssure® panels with StrataClean IQ™ Air Filtration System

FOCUS PRIVACY COLLABORATION

CORRIDORS

Corridors in healthcare have busy, often shallow plenums that require frequent access. Corridors are also sources of unwanted noise that can diminish positive patient outcomes. It is important to accommodate HVAC and medical equipment while also keeping corridors quiet.

PATIENT ROOMS & TREATMENT ROOMS

If you've ever had even a short hospital stay, you have firsthand knowledge of just how overwhelming noise can be. Research confirms that noise levels in patient rooms often exceed the World Health Organization guidelines of 35 dBA during the day and 30 dBA at night, creating more stressful environments for patients and disrupting sleep.



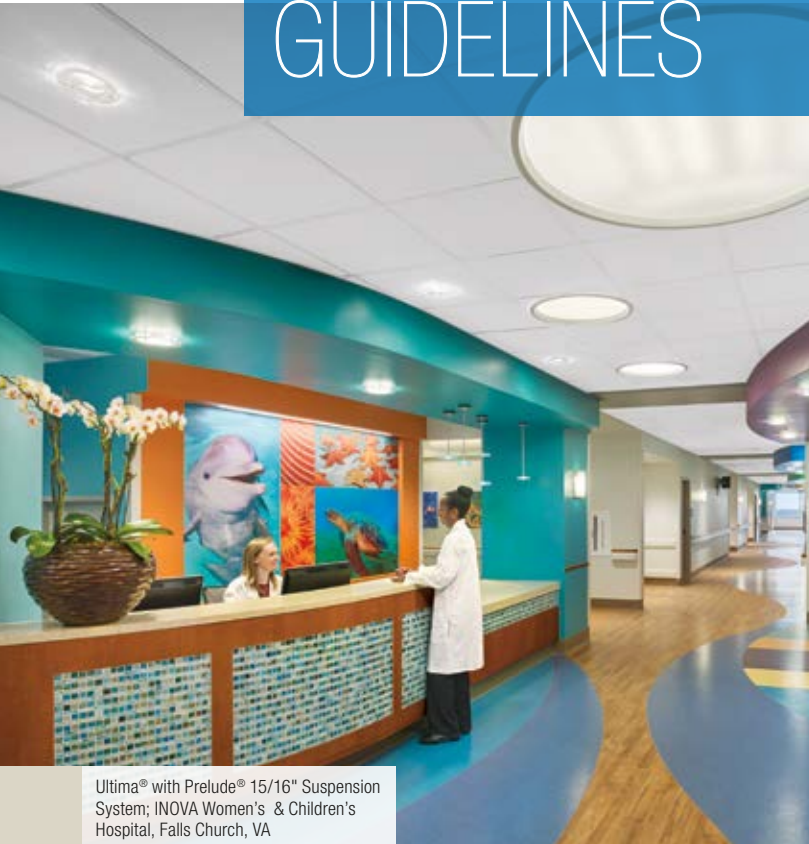
Many patient rooms are now single-bed to promote patient privacy and are acuity-adaptable to reduce medical errors. A bright patient room with access to daylight has been shown to reduce depression and pain perception.

These hybrid spaces require ceilings that are multifunctional. Key criteria in these spaces include sound absorption and blocking, light reflectance, and water-resistant surfaces that are easy to clean to prevent infection. Ceilings with Total Acoustics® performance provide the ideal combination of absorption and blocking in one ceiling system.



Ultima® Health Zone™ panels with 15/16" Prelude® XL® Suspension System; Penn Presbyterian Hospital, Philadelphia, PA

MEETING SUSTAINABLE GUIDELINES



Ultima® with Prelude® 15/16" Suspension System; INOVA Women's & Children's Hospital, Falls Church, VA



SUSTAINABLE DESIGN GUIDELINES

Among all types of commercial buildings, hospitals are unique because they must operate 24 hours a day, seven days a week. As a result, the interiors must meet the demands of the space by reducing energy, providing high-performance, sustainable materials, that are durable and flexible.

Armstrong Ceiling Solutions is setting the standard with the Sustain® product portfolio, the industry's first collection of high-performance ceiling systems that meet the most stringent sustainability compliance standards for health and wellness. Offering simplified decision making with a diverse portfolio of easy-to-specify solutions, products that meet Sustain criteria make selecting ceiling and wall solutions easier and less time consuming, collaborating with industry platforms to access and communicate transparency and optimization information.

Sustain products contribute to all the LEED® Material Resource (MR) Credits for Building Product Disclosure and Indoor Environmental Quality (IEQ) credits for low-emitting materials and acoustical performance. With our Ceilings Recycling Program, ceilings returned from renovation projects can contribute to the Construction and Waste Management credit.

All Sustain products disclose environmental impacts through Environmental Product Declarations (EPDs) by disclosing material ingredients verified by our Declare® labels and ingredient transparency assured by Health Product Declarations (HPDs).

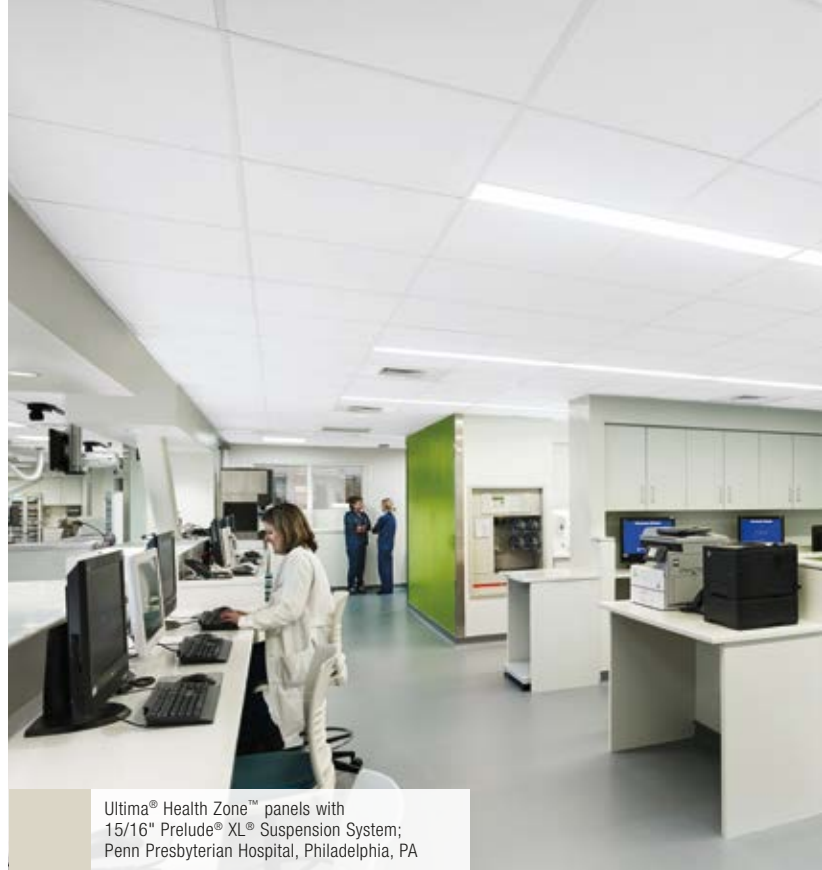
Products in the Sustain portfolio can contribute to the areas of light, comfort, and mind by providing acoustic performance, high light reflectance, low-emitting materials, and material transparency. Sustain provides leading-edge solutions that can reduce carbon across a product's lifecycle, minimizing an overall project's impact.

Using Sustain products can contribute to building certifications such as LEED, WELL™, Fitwel®, Living Building Challenge® and achieving net zero goals. We support industry transparency by featuring our products in the mindful MATERIALS® database and the Embodied Carbon in Construction Calculator (EC3) tool.

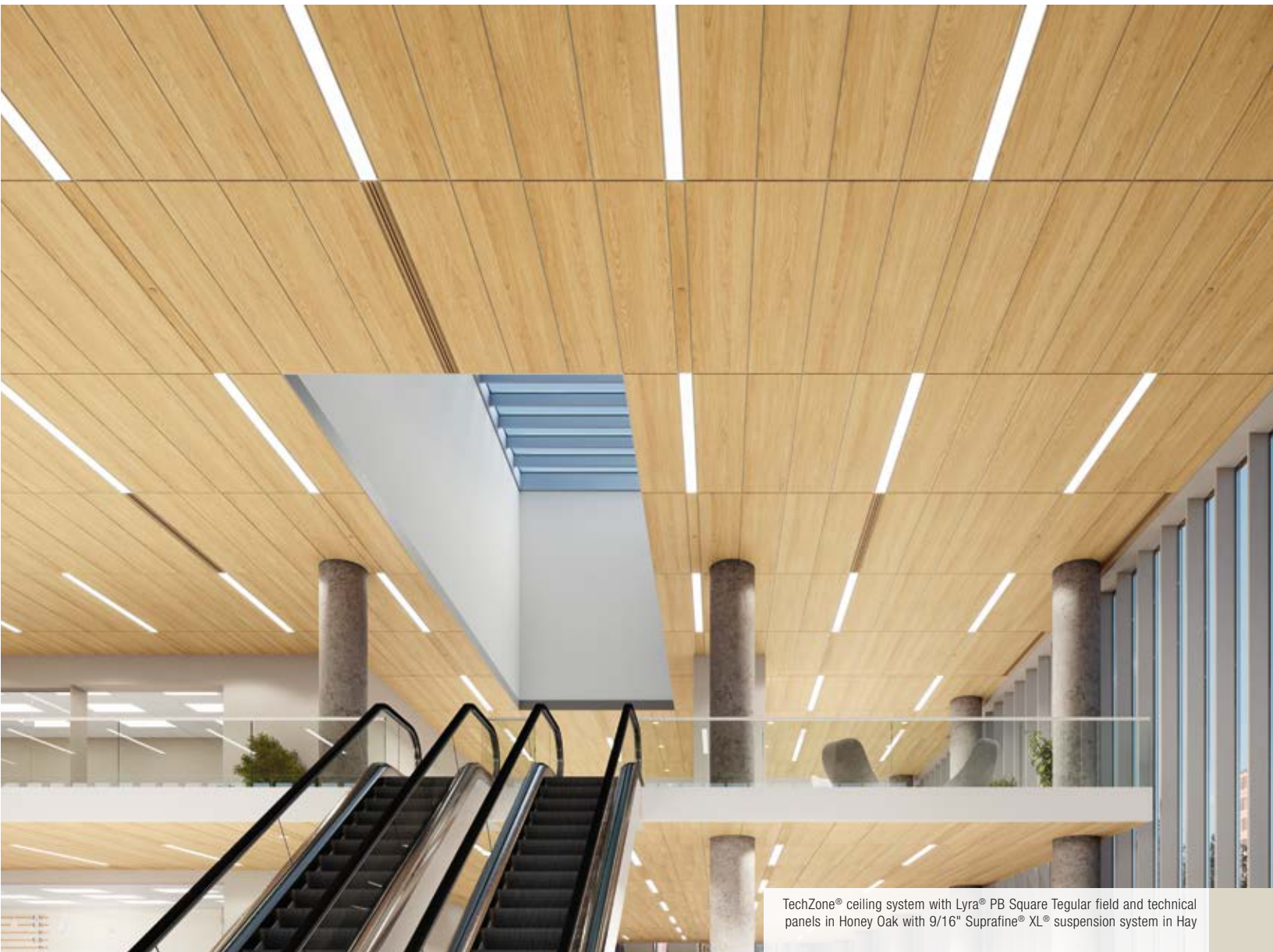
Deeply committed to its own sustainability goals, Armstrong is constantly working to innovate and add new solutions as evidenced in its 2022 Sustainability Report.



Calla® Health Zone™
with StrataClean IQ™ and
15/16" Prelude Suspension System



Ultima® Health Zone™ panels with
15/16" Prelude® XL® Suspension System;
Penn Presbyterian Hospital, Philadelphia, PA



TechZone® ceiling system with Lyra® PB Square Tegular field and technical
panels in Honey Oak with 9/16" Suprafine® XL® suspension system in Hay

TAKE THE NEXT STEP

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On the cover: ▶
WoodWorks® Linear;
Bakersfield Children's Hospital, Bakersfield, CA

Armstrong®
CEILING SOLUTIONS