

# PLACES TO HEAL

CEILING AND WALL SYSTEMS  
THAT MAKE A DIFFERENCE  
IN HEALTHCARE

Inspiring Great Spaces™

**Armstrong®**

CEILING & WALL SYSTEMS



# CREATING HEALING ENVIRONMENTS

Ultima® Create!™  
24" x 24" panels

As you select products, you have different criteria for different spaces in your healthcare project. In some areas, it's cleanliness and hygiene; in other areas, privacy, quiet, or comfort. Perhaps professionalism or warmth are key. Today, there are more product choices available to bring these important attributes to life through your designs. Our portfolio of ceiling and wall products offers aesthetic, functional, and sustainable solutions for every type of space in healing environments.



MetalWorks™ RH200 White microperforated panels;  
MetalWorks™ RH215 White microperforated panels

# HEAL ING

## QUIET

Hospital noise is a universal opportunity you can address by specifying high performance mineral fiber, fiberglass, and perforated materials, many of which also meet hospital standards for washability, anti-mold, anti-microbial, and fire safety.

## WARMTH

Wood ceilings help convey a warm ambiance in a space. Standard wood ceilings are available in a variety of shapes, sizes, perforations, and finishes, ranging from maple and cherry to beech and bamboo. WoodWorks® ceilings can provide noise reduction and help create a calmer environment.

## POSITIVE DISTRACTION

As you design environments that help patients escape what once was a “typical” hospital environment, ceilings can add a touch of the unexpected.

## HIPAA

(Health Insurance Portability and Accountability Act)

HCAHPS (Hospital Consumer Assessment of Healthcare Provider Systems) and the FGI (Facilities Guidelines Institute for Healthcare) update in 2014 make proper acoustics in healthcare facilities more important than ever for patient privacy and outcomes.

## NATURAL CONNECTIONS

Ceilings can help to maximize sustainable design. You may choose material options, like rapidly renewable bamboo or ceilings made with a plant-based binder. Other choices include products with high recycled content, low VOC emissions, or those that maximize natural daylight. Many ceilings can also be recycled at the end of their useful life in the Armstrong Ceiling Recycling Program, eliminating landfill disposal. Our portfolio is designed to enable your sustainable design.

## WELCOME

Patients and visitors alike want to feel “at ease” from the moment they enter. Your choice of ceiling can create a serene atmosphere appreciated by all.



# THE RIGHT CEILING FOR THE RIGHT SPACE

Optima® Plank with Prelude® XL®  
15/16" suspension system with  
Axiom® Classic trim

## LOBBIES

The facility's main lobby can set the tone for the entire design theme and personality of a building, setting expectations for patients, visitors, and medical professionals alike. Whether the goal is to inspire, bring the outside in, 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.



Infusions® Canopies  
24" x 72" in  
Crystalline Focus

# FOCUS PRIVACY COLLABORATION

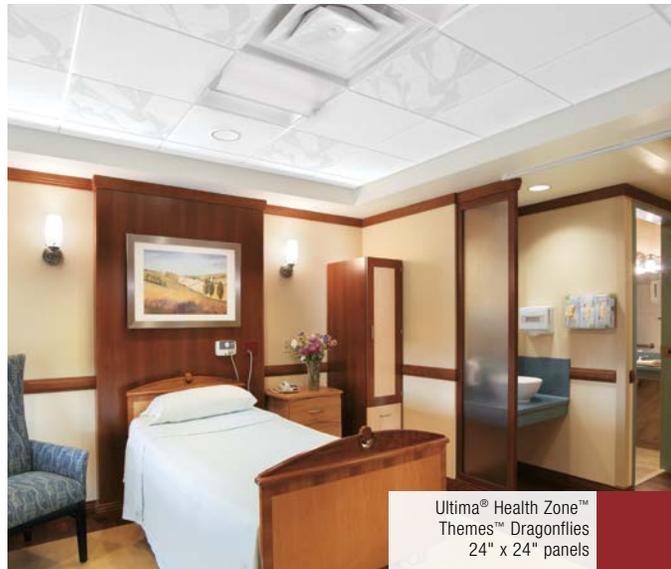
## WAITING AREAS

Waiting areas play an important role in healthcare settings because they can either accentuate or help to alleviate the stress and anxiety that often accompany a visit to the hospital. An environment designed for comfort can lessen this uneasiness.



## PATIENT ROOMS & TREATMENT ROOMS

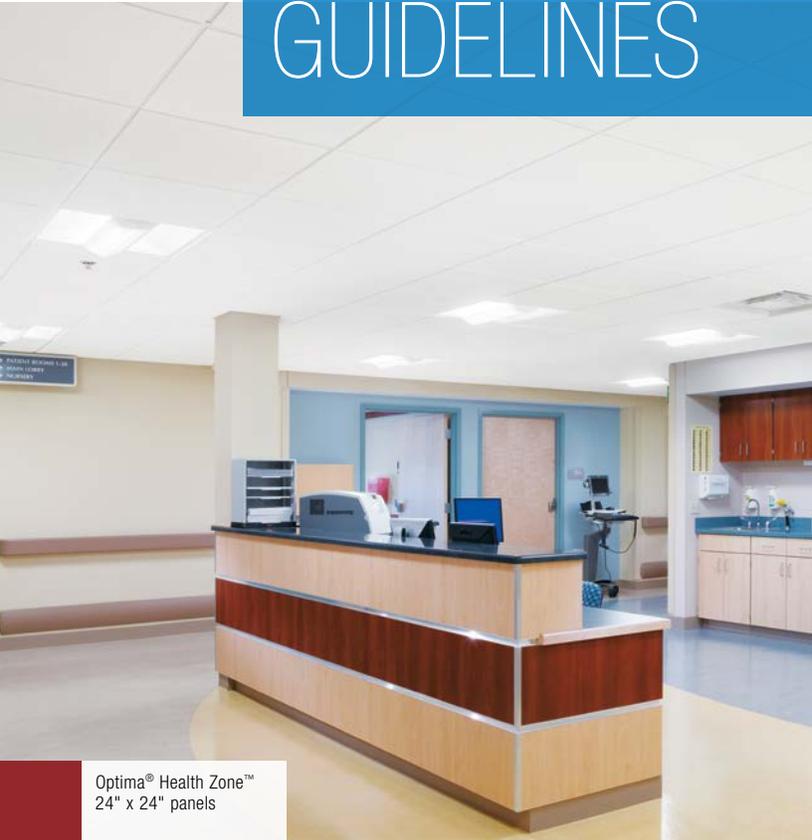
If you've ever had even a short hospital stay, you have firsthand knowledge of just how overwhelming noise can be. Research confirms that noise levels in patient rooms often exceed the World Health Organization guidelines of 35 dBA during the day and 30 dBA at night, creating more stressful environments 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 daylighting has been shown to reduce depression and pain perception.

These hybrid spaces require ceilings that are multi-functional. Key criteria in these spaces include sound absorption and blocking, light reflectance, and water-resistant surfaces that are easy to clean to prevent infection.

# MEETING ACOUSTICAL GUIDELINES



Optima® Health Zone™  
24" x 24" panels

## LEED® CREDIT CONTRIBUTIONS FOR ACOUSTICAL PERFORMANCE

Acoustical design solutions in healthcare facilities can contribute to LEED v4 Indoor Environmental Quality credits. The intent of LEED v4 EQc9 is to provide spaces that promote occupants' well-being, productivity, and communications through effective acoustic design.

While guidelines for acoustics are highly technical in nature, they easily can be uncomplicated by applying the ABCs of balanced acoustical design. The ABCs of balanced acoustical design also help promote speech privacy to ensure HIPAA regulations can be achieved.

Speech privacy is dependent on good acoustical design and the proper selection of interior systems and materials used in the space. The right ceiling choice can serve to both limit the sound intrusion between spaces, and affect the quality of sound within a space. On the web, the interactive reverberation tool can help you hear the difference between potential ceiling choices.

## SUSTAINABLE DESIGN GUIDELINES

Among all types of commercial buildings, hospitals are unique because they must operate 24 hours a day, 7 days a week. As a result, they consume twice the amount of energy as office buildings. The Green Guide for Health Care™ (GGHC) offers a set of sustainable design guidelines especially created for hospital design.

The pilot draft of LEED for Healthcare is based on the Green Guide for Health Care and includes two Environmental Quality acoustics credit opportunities. The GGHC and LEED for Healthcare also include credit opportunities for optimizing energy efficiency and enhancing daylighting and view with high light-reflectant ceilings, construction waste management, high recycled content, locally sourced materials, and low-emitting materials.

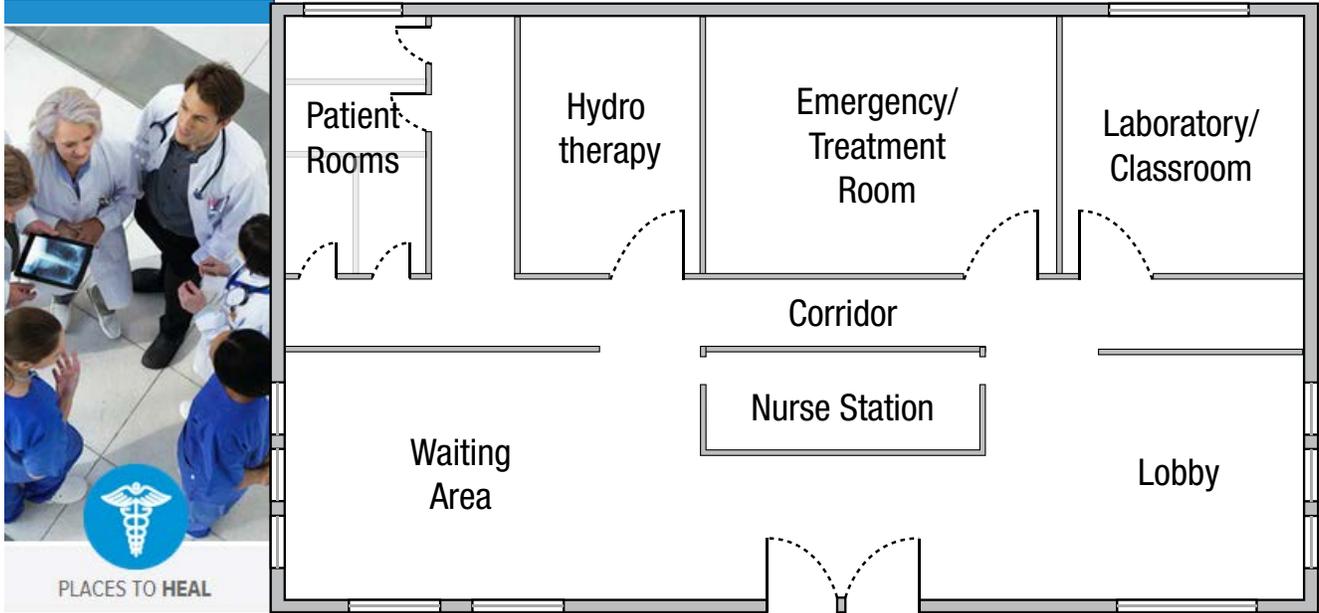


Formations™ Squares Acoustical  
Clouds with Optima® Square Tegular  
panels and Axiom® trim

# A CEILING FOR EVERY SPACE™

Discover high-performance ceiling solutions for every application.

Our new A Ceiling For Every Space™ online tool lets you quickly scroll through installation photos to give you ideas and specific product recommendations for your projects. Try it at [armstrong.com/everyospace](http://armstrong.com/everyospace)



## RECOMMENDED PRODUCTS AT-A-GLANCE

	Patient room and treatment room	Lobby and nurse's station
Situation	Need for confidentiality	Need for quiet in non-private spaces
Acoustical Suggestion	Block sound and decrease reverberation	Decrease reverberation and provide sound blocking
Recommended Ceiling Systems	Lyra™, Optima®, Calla™, TechZone™ Ceiling Systems, SoundScapes® products	Ultima High-CAC, Cirrus High-CAC, WoodWorks®, Soundsoak Walls
	Ultima® High-NRC, Cirrus® High-NRC, Fine Fissured™ High-NRC, Capz™, Soundsoak® Walls	Ultima, Cirrus, Mesa High-CAC
	Ultima, Cirrus, Mesa™, Formations™ Acoustical Clouds	Dune™, Calla, MetalWorks™

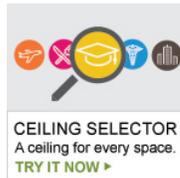
# take the next step

TechLine: 1 877 ARMSTRONG (276-7876)

Answers to your technical questions fast.

[armstrong.com/everyspace](http://armstrong.com/everyspace)

- Speech privacy predictor tool demo
- “Hear the difference” interactive reverberation tool
- Case studies
- Photo gallery
- Submittal pages
- Specification writing tool
- InVision™ design tool
- Latest product and program news
- Real-time selection and specification information
- Contacts – reps, where to buy, who will install
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COVER

Optima® Plank Custom panels  
with Suprafine® XL® 9/16"  
suspension system

## Inspiring Great Spaces™

# Armstrong®

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