

new ULTIMA® Low Embodied Carbon
Square Lay-in & Tegalur
fine texture



CAD/Revit® drawings at:
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Find solutions for reducing carbon in the built environment.
armstrongceilings.com/carbonreduction



Ultima Low Embodied Carbon Beveled Tegalur panels with Suprafine XL 9/16" suspension system

Help reduce the carbon footprint of the built environment with the lowest embodied carbon mineral fiber acoustical ceiling panels available*.

KEY SELECTION ATTRIBUTES

- Get total noise control and floor plan versatility with Total Acoustics® ceiling panels: NRC + CAC = Total Acoustics performance
- Ultima® panels are part of the Sustain® portfolio, and meet the most stringent industry sustainability compliance standards today
- CleanAssure™ family of products – includes disinfectable panels, suspension systems, and trim
- Mold- and mildew-resistant surface



- Made with sustainably produced carbon sequestering biochar
- Product can be recycled through the Armstrong Ceilings Recycling Program
- Smooth, clean, durable finish – Washable, Impact-resistant, Scratch-resistant, Soil-resistant
- USDA-Certified Biobased Product – 100%

- Made in the U.S.A. of domestic and global content
- Build America, Buy America Act (BABAA) compliant
- Non-directional visual reduces scrap and installation time
- 30-Year Limited System Warranty against visible sag

* Per EC3 tool data available 2/1/24. Ultima Low Embodied Carbon Ceiling Panels (A1-A3) 0.187 Global Warming Potential, including biogenic carbon [kg CO₂ eq./ft²]

TYPICAL APPLICATIONS

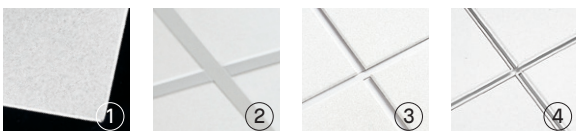
- Offices – closed spaces for privacy and confidentiality; open spaces for focus, collaboration, and teaming
- Healthcare – assists in addressing HIPAA, HCAHPS, and FGI acoustical requirements
- Classrooms
- Corridors
- Lobbies/reception areas
- Department stores/retail

COLOR



White (WH)

DETAILS



1. Ultima® Low Embodied Carbon
2. Ultima® Low Embodied Carbon with Prelude® XL® 15/16" suspension system
3. Ultima® Low Embodied Carbon with Suprafine® 9/16" suspension system
4. Ultima® Low Embodied Carbon with Silhouette® XL® 9/16" suspension system with 1/4" reveal

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LEED® WELL™ LBC

55% RECYCLED CONTENT

Calculate sustainability with Ecomedes
armstrongceilings.com/ecomedes

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

LOCATION DEPENDENT

VISUAL SELECTION

| armstrongceilings.com/suspdwgs | Susp. Dwg. | Item No. | Dimensions (Inches) |
|---|--------------------|----------|---------------------|
| ULTIMA® Low Embodied Carbon 15/16" Square Lay-in | 1 | 1910LEC | 24 × 24 × 3/4" □ |
| | | 1913LEC | 24 × 48 × 3/4" □ |
| 15/16" Beveled Tegular | 15 | 1911LEC | 24 × 24 × 3/4" □ |
| | | 1914LEC | 24 × 48 × 3/4" □ |
| 9/16" Beveled Tegular | 29, 44, 48, 52, 56 | 1912LEC | 24 × 24 × 3/4" □ |
| | | 1915LEC | 24 × 48 × 3/4" □ |

PERFORMANCE SELECTION Dots represent high level of performance.

| UL Classified Acoustics | Total Acoustics ¹ | Articulation Class | Fire Performance | Light Reflect | Anti-Mold/Mildew | Sag Resistant | Certified Low VOC Emissions | CleanAssure™ Disinfectable Panels | DURABILITY | Recycle Program |
|-------------------------|------------------------------|--------------------|------------------|---------------|------------------|---------------|-----------------------------|-----------------------------------|----------------|-----------------|
| NRC + CAC | NRC CAC | AC | Class | Light Reflect | Anti-Mold/Mildew | Sag Resistant | Certified Low VOC Emissions | Fog Wash Impact Scratch Soil | 30-Yr Warranty | |
| 0.75 + 35 | BETTER | 170 | Class A | 0.87 | * | * | * | * | * | * |
| 0.75 + 35 | BETTER | 170 | Class A | 0.87 | * | * | * | * | * | * |
| 0.75 + 35 | BETTER | 170 | Class A | 0.87 | * | * | * | * | * | * |
| 0.75 + 35 | BETTER | 170 | Class A | 0.87 | * | * | * | * | * | * |

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+)

SUSPENSION SYSTEMS

15/16" Prelude® XL®

9/16" Silhouette® 1/4" Reveal

Silhouette® 1/8" Reveal

Suprafine®

Interlude® XL® HRC

Blizzard White – Suspension System Finish
A color and texture coordinated suspension system to complement Ultima® ceiling panels for a monolithic look and feel.

PHYSICAL DATA

Material
Wet-formed mineral fiber and biochar with DuraBrite® acoustically transparent membrane

Surface Finish
DuraBrite scrim with factory-applied latex paint

Fire Performance
Class A: ASTM E84 and CAN/ULC S102 surface burning characteristics. Flame Spread Index of 25 or less. Smoke Developed Index of 50 or less (UL® labeled).

ASTM E1264 Classification
Type IV, Form 2, Pattern E
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 BioBlock® performance resist the growth of mold and mildew on the tile surface.

VOC Emissions
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.

Acoustical Performance
CAC testing conducted using Prelude® XL® suspension system.

Embodied Carbon
(A1-A3) 0.187 Global Warming Potential, including biogenic carbon [kg CO₂ eq./ft²] See EPD & EPD Optimization summary for complete details.

Installation Consideration
When installing Low Embodied Carbon (LEC) panels, be cautious during cutting. The substrate may result in dust transferring to the tile's surface during installation.

Take care when cutting the tiles and ensure that you only touch the panel face with clean gloves.

Insulation Value
R Factor – 2.2 (BTU units)
R Factor – 0.39 (Watts units)

Cleaning and Disinfecting
Cleaning and CDC-recommended disinfecting options available on armstrongceilings.com/cleaning

30-Year Performance Guarantee & Warranty
When installed with Armstrong® Suspension System. Details at armstrongceilings.com/warranty

Weight; Square Feet/Carton
1.05 LBS/SF; 48 SF/CTN

Minimum Order Quantity
1 carton