**OPTIMA® Health Zone™**

Square Lay-in

fine texture

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This absorptive ceiling panel meets USDA/FSIS guidelines for use in food preparation/kitchens, and Clean Room assemblies.

**KEY SELECTION ATTRIBUTES**

- Optima® Health Zone™ PB panels are part of the Sustain® portfolio, and meet the most stringent sustainability compliance standards today
- Items with PB suffix are manufactured with a plant-based binder
- Smooth, clean, durable finish – Impact-resistant, Scratch-resistant, and Soil-resistant
- Long-lasting water-repellency
- Washable and Scrubbable
- Clean Rooms up to ISO Class 5 (Items 3114, 3115 with Clean Room™ suspension system)
- Exceeds FGI guidelines for acoustics and cleanability in general healthcare spaces
- Safe for use with disinfectants
- Meets USDA/FSIS guidelines for use in food processing areas
- Energy-saving high light-reflective finish
- Visual complements Ultima®, Ultima® Health Zone™, and Optima® panels
- 30-Year Limited System Warranty against visible sag, mold/mildew, and bacterial growth

**COLOR**

- White (WH)

**DETAILS**

1. Optima® Health Zone™ Square Lay-In
2. Optima® Health Zone™ Square Lay-In with Clean Room™ 15/16" suspension system

**TYPICAL APPLICATIONS**

Clean Rooms
- Medical facilities
- Data centers
- Healthcare:
  - Assists in addressing HIPAA, HCAHPS, and FGI requirements
  - Patient rooms (walls-to-deck)
  - Treatment rooms (walls-to-deck)
  - Nurses’ stations
  - Emergency rooms
  - Semi-restricted surgical areas
  - Kitchens/food preparation areas
  - Laboratories
OPTIMA® Health Zone™
Square Lay-in
fine texture

VISUAL SELECTION

<table>
<thead>
<tr>
<th></th>
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</thead>
<tbody>
<tr>
<td><strong>OPTIMA® Health Zone™</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>15/16” Square Lay-in</td>
<td>1, 6, 7</td>
<td>3141PB</td>
<td>24 x 24 x 1”</td>
<td></td>
</tr>
<tr>
<td></td>
<td>1, 6, 7</td>
<td>3314</td>
<td>24 x 24 x 1-1/2”</td>
<td></td>
</tr>
<tr>
<td></td>
<td>1, 6, 7</td>
<td>3155PB</td>
<td>24 x 48 x 1”</td>
<td></td>
</tr>
<tr>
<td></td>
<td>1, 6, 7</td>
<td>3315</td>
<td>24 x 48 x 1-1/2”</td>
<td></td>
</tr>
<tr>
<td><strong>OPTIMA® Size Capabilities</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>15/16” Square Lay-in</td>
<td>15/16” Made-to-Order Sizes (3 Wks)</td>
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<td>1CTN MIN</td>
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PERFORMANCE SELECTION
Dots represent high level of performance.

<table>
<thead>
<tr>
<th>UL Classified Acoustics</th>
<th>Total Acoustics</th>
<th>Fire</th>
<th>Performance</th>
<th>Light</th>
<th>Reflect</th>
<th>Humidity</th>
<th>Sag</th>
<th>Resist</th>
<th>Mold</th>
<th>Bacteria</th>
<th>Durability</th>
</tr>
</thead>
<tbody>
<tr>
<td>N/A</td>
<td>-</td>
<td>190</td>
<td>Class 0.86</td>
<td></td>
<td>A</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Non-PB 1” Thick</td>
<td>6” – 6”</td>
<td>9” – 48”</td>
<td>6” – 48”</td>
<td>4” – 48”</td>
<td></td>
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<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Non-PB 1-1/2” Thick</td>
<td>4” – 6”</td>
<td>9” – 96”</td>
<td>6” – 48”</td>
<td>4” – 48”</td>
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</tr>
</tbody>
</table>

**SUSPENSION SYSTEMS**
*CAC 29 achieved with Clean Room™ suspension system; not UL Classified for acoustics.

1-1/2”       15/16”
Clean Room (Aluminum)  Prelude®, Prelude Plus, Aluminum Prelude® Plus XL®

**PHYSICAL DATA**

<table>
<thead>
<tr>
<th>Material</th>
<th>3114PB, 3151PB – Fiberglass with DuraBrite® scrim acoustically transparent membrane; 3314, 3315, 3316, 3317 – Fiberglass with DuraBrite acoustically transparent membrane; CAC backing.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Surface Finish</td>
<td>DuraBrite with factory-applied latex paint</td>
</tr>
<tr>
<td>Fire Performance</td>
<td>ASTM E84 and CAN/ULC S102 surface burning characteristics. Flame Spread Index 25 or less. Smoke Developed Index 50 or less (UL labeled).</td>
</tr>
<tr>
<td>ASTM E1264 Classification</td>
<td>Type XII, Form 2, Pattern E, Fire Class A</td>
</tr>
<tr>
<td>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.</td>
<td></td>
</tr>
<tr>
<td>Mold/Mildew &amp; Bacteria Protection</td>
<td>Optima® HealthZone™ ceiling panels with BioBlock®. Plus performance resist the growth of mold and mildew, and resist odor- and stain-causing bacterial growth.</td>
</tr>
</tbody>
</table>

**VOC Emissions**
(PB suffix items only)
GREENGUARD Gold Certified
This product has been UL validated to be Formaldehyde-Free.
UL.COM/EVOC
See all LCA information on our EPDs.
High Recycled Content
Contains greater than 50% total recycled content. Total recycled content based on product composition of post-consumer and pre-consumer (post-industrial) recycled content per FTC guidelines. Acoustical Details
Some items have CAC backing. CAC backing may be available as a special order. CAC value of 37 can be achieved by backloading soft fiber products with item 769 or 770.

**Insulation Value**
R Factor – 4.0 (BTU units)
R Factor – 0.70 (Watts units)

**Application Considerations**
For Clean Room installations, use full-size panels. Testing for Clean Room 5 (Class 100) was completed with full-size 15/16” gasketed suspension system. For Clean Rooms that require field-cut perimeter panels, use Lay-in panels (3114, 3115) or Tegular panels (3214, 3215) with Lay-in field-cut panels at the perimeter.

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

**Cleaning Recommendations**
To clean panel, use a clean, white cloth with water or a mild detergent and wipe surface. To disinfect panel, lightly spray surface and wipe clean with a clean, white cloth. Acceptable colorless disinfectants include:
- Sodium hypochlorite
- Hydrogen peroxide
- Quaternary ammonium

**Weight; Square Feet/Carton**
3114PB – 0.46 lbs/SF; 48 SF/carton
3151PB, 3315 – 0.45 lbs/SF; 98 SF/carton
3314, 3316 – 0.67 lbs/SF; 32 SF/carton

**Minimum Order Quantity**
1 carton
**OPTIMA® Health Zone™**

Tegular
fine texture

**KEY SELECTION ATTRIBUTES**

- Optima® Health Zone™ PB panels are part of the Sustain® portfolio, and meet the most stringent sustainability compliance standards today
- Items with PB suffix are manufactured with a plant-based binder
- Smooth, clean, durable finish – Impact-resistant, Scratch-resistant, and Soil-resistant
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- Washable and Scrubbable
- Clean Rooms up to ISO Class 5 (Items 3214, 3215 with Clean Room™ suspension system)
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- Energy-saving high light-reflective finish
- Visual complements Ultima®, Ultima® Health Zone™, and Optima® panels
- 30-Year Limited System Warranty against visible sag, mold/mildew, and bacterial growth

**COLOR**

- White (WH)

**DETAILS** (Other Suspension Systems compatible. Refer to listing on page 361.)

1. Optima® Health Zone™ 15/16” Square Tegular
2. Optima® Health Zone™ 9/16” Square Tegular
3. Optima® Health Zone™ Square Tegular with Prelude XL 15/16” suspension system
4. Optima® Health Zone™ PB Square Tegular with Interlude® XL HRC 9/16” suspension system

**TYPICAL APPLICATIONS**

Clean Rooms
- Medical facilities
- Data centers
Healthcare:
- Assists in addressing HIPAA, HCAHPS, and FGI requirements
- Patient rooms (walls-to-deck)
- Treatment rooms (walls-to-deck)
- Nurses’ stations
- Emergency rooms
- Semi-restricted surgical areas
- Kitchens/food preparation areas
- Laboratories

This absorptive ceiling panel meets USDA/FSIS guidelines for use in food preparation/kitchens, and Clean Room assemblies.
### OPTIMA® Health Zone™

**Tegular**

Fine texture

#### VISUAL SELECTION

<table>
<thead>
<tr>
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<tbody>
<tr>
<td>OPTIMA® Health Zone™</td>
<td>armstrongceilings.com/catalogs</td>
<td>15/16”</td>
<td>24 x 24 x 1”</td>
</tr>
<tr>
<td></td>
<td></td>
<td>9/16”</td>
<td>24 x 24 x 1”</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
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</tr>
</tbody>
</table>

#### OPTIMA® Size Capabilities

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<thead>
<tr>
<th>Item No.</th>
<th>15/16” &amp; 9/16”</th>
<th>SIZES (3 Wks)</th>
</tr>
</thead>
<tbody>
<tr>
<td>NBG</td>
<td>6” – 11/2”</td>
<td>9” – 48”</td>
</tr>
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<td>4” – 11/2”</td>
<td>9” – 48”</td>
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<tr>
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<td>4” – 11/2”</td>
<td>9” – 96”</td>
</tr>
<tr>
<td></td>
<td>42” – 47/12”</td>
<td>4” – 120”</td>
</tr>
</tbody>
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#### SUSPENSION SYSTEMS

“CAC 29 achieved with Clean Room™ suspension system; not UL Classified for acoustics.”

#### PHYSICAL DATA

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<td>Class X, Form 2, Pattern E, Fire Class A</td>
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#### VOC Emissions (PB suffix items only)

**GREENGUARD Gold Certified**

This product has been validated to be Formaldehyde-Free, UL.COM/GGUARD.


#### Application Considerations

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#### Cleaning Recommendations

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- Hydrogen peroxide
- Quaternary ammonium

#### Weight: Square Feet/Carton

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<th>Weight</th>
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<tbody>
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<td>3214PB, 3216PB</td>
<td>0.46 lbs/SF; 48 SF/ctn</td>
</tr>
<tr>
<td>3215PB, 3217PB</td>
<td>0.45 lbs/SF; 96 SF/ctn</td>
</tr>
<tr>
<td>3317</td>
<td>0.75 lbs/SF; 64 SF/ctn</td>
</tr>
<tr>
<td>3316</td>
<td>0.67 lbs/SF; 32 SF/ctn</td>
</tr>
<tr>
<td>3317</td>
<td>0.86 lbs/SF; 19 SF/ctn</td>
</tr>
</tbody>
</table>

#### Minimum Order Quantity

1 carton