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.
- CleanAssure™ family of products – includes disinfectable panels, suspension systems, and trim.
- Mold- and mildew-resistant surface.
- Bacteria-resistant surface.
- 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.
- 30-Year Limited System Warranty against visible sag, mold/mildew, and bacterial growth.

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

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
## OPTIMA® PB Health Zone™

with Plant-based Binder

Square Lay-in
fine texture

### VISUAL SELECTION

<table>
<thead>
<tr>
<th>OPTIMA® PB Health Zone™</th>
<th>15/16&quot;</th>
<th>Square Lay-in</th>
</tr>
</thead>
<tbody>
<tr>
<td>Item No.</td>
<td>3114PB</td>
<td>3314</td>
</tr>
<tr>
<td>Dimensions (inches)</td>
<td>24 x 24 x 1-1/2&quot;</td>
<td>24 x 24 x 1&quot;</td>
</tr>
</tbody>
</table>

### PERFORMANCE SELECTION

<table>
<thead>
<tr>
<th>Performance</th>
<th>15/16&quot; Square Lay-in</th>
<th>1-1/2&quot; Square Lay-in</th>
</tr>
</thead>
<tbody>
<tr>
<td>UL Classified Acoustics</td>
<td>N/A</td>
<td>N/A</td>
</tr>
<tr>
<td>CAC</td>
<td>0.95</td>
<td>0.95</td>
</tr>
<tr>
<td>Sag</td>
<td>A</td>
<td>A</td>
</tr>
<tr>
<td>Class</td>
<td>N/A</td>
<td>N/A</td>
</tr>
<tr>
<td>Articulation Class</td>
<td>A</td>
<td>A</td>
</tr>
</tbody>
</table>

### PHYSICAL DATA

<table>
<thead>
<tr>
<th>Material</th>
<th>3114PB, 3115PB – Fiberglass with DuraBrite® scrim acoustically transparent membrane. 3314, 3315</th>
</tr>
</thead>
<tbody>
<tr>
<td>Surface Finish</td>
<td>DuraBrite with factory-applied latex paint</td>
</tr>
<tr>
<td>Fire Performance Class A</td>
<td>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).</td>
</tr>
<tr>
<td>Type X</td>
<td>Type X, 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>Ceiling tiles with BioBlock® Plus performance resist the growth of odor and stain-producing bacteria as well as mold and mildew on the ceiling tile surface.</td>
<td></td>
</tr>
<tr>
<td>VOC Emissions (PB suffix items only)</td>
<td>GREENGUARD Gold Certified</td>
</tr>
<tr>
<td>UL Classified Acoustics</td>
<td>N/A</td>
</tr>
<tr>
<td>CAC</td>
<td>0.95</td>
</tr>
<tr>
<td>Sag</td>
<td>A</td>
</tr>
<tr>
<td>Class</td>
<td>N/A</td>
</tr>
<tr>
<td>Articulation Class</td>
<td>A</td>
</tr>
<tr>
<td>High Recycled Content</td>
<td>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.</td>
</tr>
<tr>
<td>Insulation Value</td>
<td>R Factor = 4.0 (BTU units)</td>
</tr>
<tr>
<td></td>
<td>R Factor = 0.70 (Watts/ft²)</td>
</tr>
</tbody>
</table>

### SUSPENSION SYSTEMS

<table>
<thead>
<tr>
<th>1-1/2&quot;</th>
<th>15/16&quot;</th>
</tr>
</thead>
<tbody>
<tr>
<td>Clean Room (Aluminum)</td>
<td>Clean Room Grid (Aluminum)</td>
</tr>
</tbody>
</table>

### 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.

### GREENGUARD Gold Certification

This product has been UL validated to be Formaldehyde-Free.

### DISCLAIMER

The information provided is for general reference only. For specific application details, please refer to the Armstrong Ceiling Solutions Catalogs or contact Armstrong ceilings for additional information.
OPTIMA® PB Health Zone™
with Plant-based Binder
Tegular
fine texture

Fine-textured panels that are water repellent; Meet USDA/FSIS, FGI and HIPAA guidelines plus Clean Room assemblies. Offer both Sustain® and Total Acoustics® panel performance for flexible spaces.

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
- CleanAssure™ family of products — includes disinf ectable panels, suspension systems, and trim
- Mold- and mildew-resistant surface
- Bacteria-resistant surface
- Clean Rooms up to ISO Class 5 (items 3214, 3215 with Clean Room™ suspension system)
- Exceeds FGI guidelines for acoustics and cleanliness 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
- 30-Year Limited System Warranty against visible sag, mold/mildew, and bacterial growth
- Exceeds FGI guidelines for acoustics and cleanliness 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
- 30-Year Limited System Warranty against visible sag, mold/mildew, and bacterial growth

COLOR
White

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

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
Education
- Office
## OPTIMA® PB Health Zone™ with Plant-based Binder

**Visual Selection**

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>3214PB</td>
<td>24 x 24 x 1&quot;</td>
<td>8, 10</td>
</tr>
<tr>
<td>3316</td>
<td>24 x 24 x 1-1/2&quot;</td>
<td></td>
</tr>
<tr>
<td>3215PB</td>
<td>24 x 48 x 1&quot;</td>
<td></td>
</tr>
<tr>
<td>3317</td>
<td>24 x 48 x 1-1/2&quot;</td>
<td></td>
</tr>
<tr>
<td>3216PB</td>
<td>24 x 24 x 1&quot;</td>
<td></td>
</tr>
<tr>
<td>3217PB</td>
<td>24 x 48 x 1&quot;</td>
<td></td>
</tr>
</tbody>
</table>

**Made-to-Order Sizes**

- **9/16” Square Tegular**: 26, 43, 47, 51, 55
- **15/16” Square Tegular**: 24 x 24 x 1”, 24 x 48 x 1",

**Performance Selection**

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>3214PB</td>
<td>24 x 24 x 1&quot;</td>
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</tr>
<tr>
<td>3217PB</td>
<td>24 x 48 x 1&quot;</td>
<td></td>
</tr>
</tbody>
</table>

**SUSPENSION SYSTEMS**

- **Prelude®, Prelude Plus, Aluminum Prelude® Plus XL®**: 1/4" Reveal
- **Clean Room® (Steel or Aluminum)**
- **Silhouette® XL® 1/8" Reveal**: 1/4" Reveal
- **Silhouette XL® 1/8" Reveal**: 1/4" Reveal
- **Supratex®**: 1/4" Reveal

**Physical Data**

- **Material**: 3214PB, 3215PB, 3216PB, 3217PB – Fiberglass with DuraBrite® scrim acoustically transparent membrane; 3314, 3315, 3316, 3317 – Fiberglass with DuraBrite® acoustically transparent membrane; CAC backing.
- **Surface Finish**: DuraBrite 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 E119 Classification Type XI, 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-Bacterial/ Mold/Mildew**: Ceiling tiles with BioBlock® Plus performance resist the growth of odor and stain-producing bacteria as well as mold and mildew on the ceiling tile surface.

**VOC Emissions**

- **Product Certified for Low Chemical Emissions UL/ComGQ IL 2019**

**GreenGUARD Gold Certified**

- **Impact Scratch**: See all LCA information on our EPDs.
- **Soil**: 1 carton

**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.

**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

- 3214PB, 3216PB – 0.46 lbs/SF; 48 SF/ctn
- 3215PB, 3217PB – 0.45 lbs/SF; 96 SF/ctn
- 3317 – 0.75 lbs/SF; 64 SF/ctn
- 3318 – 0.67 lbs/SF; 33 SF/ctn

See all LCA information on our EPDs.