

# OPTIMA® Health Zone™ OPTIMA® PB Health Zone™

with Plant-based Binder  
Square Lay-in  
smooth texture



CAD/Revit® drawings at:  
[armstrongceilings.com/cadrevit](http://armstrongceilings.com/cadrevit)



Optima® Health Zone™ Square Tegular panels with Prelude® XL® 15/16" suspension system



Perfect for office, education, and healthcare spaces

Fine texture ceiling; combines exceptional acoustical absorption for open plan spaces, sustainability, and functionality attributes in one panel that is especially durable and aesthetically pleasing for every healthy space.

## KEY SELECTION ATTRIBUTES

- Optima® PB Health Zone™ panels are part of the Sustain® portfolio and meet the most stringent industry sustainability compliance standards today
- Items with PB suffix are manufactured with a plant-based binder
- Anti-Bacterial/Mold/Mildew – BioBlock® Plus performance resists the growth of odor and stain-producing bacteria as well as mold and mildew on the ceiling tile surface

- Exceptional durability and cleanability – impact-, scratch-, and soil-resistant
- CleanAssure™ – safe for use with disinfectant cleaners
- Meets or exceeds USDA/FSIS and FGI guidelines
- Clean room performance up to ISO Class 5 (Class 100) using gasketed Clean Room™ suspension systems (items 3114, 3115)

## TYPICAL APPLICATIONS

- 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
- Clean Rooms
  - Medical facilities
  - Data centers

## COLOR



White (WH)

## DETAILS



- Optima® Health Zone™ Square Lay-in
- Optima® Health Zone™ Square Lay-in with Clean Room™ 15/16" suspension system

# OPTIMA® Health Zone™

## OPTIMA® PB Health Zone™

with Plant-based Binder

Square Lay-in  
smooth texture



Declare.

GREENGUARD  
Gold Certified  
(details below)



Calculate sustainability with Green Genie™  
[armstrongceilings.com/green genie](http://armstrongceilings.com/green genie)

### VISUAL SELECTION

armstrongceilings.com/suspdwgs	Susp. Dwg.	Item No.	Dimensions (Inches)	
OPTIMA® Health Zone™	1, 6, 7	3114PB	24 x 24 x 1"	<input type="checkbox"/>
15/16"		3314	24 x 24 x 1-1/2"	<input type="checkbox"/>
		3115PB	24 x 48 x 1"	<input type="checkbox"/>
		3315	24 x 48 x 1-1/2"	<input type="checkbox"/>

Made-to-Order Sizes  
Visit the product page online and see "Configure an Item" to verify capabilities. Questions? email [Techline@armstrongceilings.com](mailto:Techline@armstrongceilings.com)

**1 Ctn Min FASTSIZE 3 WEEKS order to ship**

#### PB 1" Thick - 15/16" Square Lay-in

Width (short side)	Length (long side)	N/A	N/A	N/A	N/A	Class 0.86 A	+	*	*	*	*	*	*	*	*	*	*	*	*	*
4" - 47-1/2"	9" - 48"					*														

#### Non-PB 1" Thick - 15/16" Square Lay-in

4" - 47-1/2"	9" - 48"	N/A	N/A	N/A	N/A	Class 0.86 A	+	*	*	N/A	*	*	*	*	*	*	*	*	*	*
4" - 47-1/2"	9" - 48"					*														

#### Non-PB 1-1/2" Thick - 15/16" Square Lay-in

4" - 47-1/2"	9" - 48"	N/A	N/A	N/A	N/A	Class 0.86 A	+	*	*	N/A	*	*	*	*	*	*	*	*	*	*
4" - 47-1/2"	9" - 48"					*														

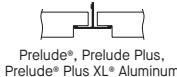
<sup>1</sup> Total Acoustics® ceiling panels have an ideal combination of sound absorption and sound blocking in one product.

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

1-1/2"



15/16"



### PHYSICAL DATA

#### Material

3114PB, 3115PB - Fiberglass with DuraBrite™ scrim acoustically transparent membrane, 3314, 3315 - 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 E1264 Classification

Type XII, 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  
(PB suffix items only)  
GREENGUARD Gold Certified

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

Primary (Embodied) Energy  
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.

Insulation Value  
R Factor - 4.0 (BTU units)  
R Factor - 0.70 (Watts units)

PRODUCT CERTIFIED FOR LOW CHEMICAL EMISSIONS  
UL.COM/GG  
UL 2818



#### 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. Meets ISO Class 5 particulate shedding requirements; not suitable for use in pressurized environments.

#### Cleaning and Disinfecting

Cleaning and CDC recommended disinfecting options available on [armstrongceilings.com/cleaning](http://armstrongceilings.com/cleaning)

30-Year Performance Guarantee & Warranty  
When installed with Armstrong® Suspension System. Details at [armstrongceilings.com/warranty](http://armstrongceilings.com/warranty)

#### Weight; Square Feet/Carton

3114PB - 0.46 lbs/SF; 48 SF/ctn  
3115PB, 3315 - 0.45 lbs/SF; 96 SF/ctn  
3314 - 0.67 lbs/SF; 32 SF/ctn

Minimum Order Quantity  
1 carton

# OPTIMA® Health Zone™

# OPTIMA® PB Health Zone™

with Plant-based Binder

Tegular  
smooth texture



Optima® Health Zone™ Square Tegular panels with Prelude® XL® 15/16" suspension system

CAD/Revit® drawings at:  
[armstrongceilings.com/cadrevit](http://armstrongceilings.com/cadrevit)



Perfect for office, education, and healthcare spaces

Fine texture ceiling; combines exceptional acoustical absorption for open plan spaces, sustainability, and functionality attributes in one panel that is especially durable and aesthetically pleasing for every healthy space.

## KEY SELECTION ATTRIBUTES

- Optima® PB Health Zone™ panels are part of the Sustain® portfolio and meet the most stringent industry sustainability compliance standards today
- Items with PB suffix are manufactured with a plant-based binder
- Anti-Bacterial/Mold/Mildew – BioBlock® Plus performance resists the growth of odor and stain-producing bacteria as well as mold and mildew on the ceiling tile surface
- Exceptional durability and cleanability – impact-, scratch-, and soil-resistant
- CleanAssure™ – safe for use with disinfectant cleaners
- Meets or exceeds USDA/FSIS and FGI guidelines
- Clean room performance up to ISO Class 5 (Class 100) using gasketed Clean Room™ suspension systems (items 3214, 3215)

- Meets ISO Class 5 particulate shedding requirements; not suitable for use in pressurized environments
- Long-lasting water-repellency; washable and scrubbable
- Energy-saving, high light-reflective finish
- 30-Year Limited System Warranty against visible sag, mold, mildew, and bacterial growth

## COLOR



White (WH)

## TYPICAL APPLICATIONS

- 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
- Clean Rooms
  - Medical facilities
  - Data centers

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



- Optima® Health Zone™ 15/16" Square Tegular
- Optima® Health Zone™ 9/16" Square Tegular
- Optima® Health Zone™ Square Tegular with Prelude XL 15/16" suspension system
- Optima® Health Zone™ PB Square Tegular with Interlude® XL® HRC 9/16" suspension system

# OPTIMA® Health Zone™

# OPTIMA® PB Health Zone™

with Plant-based Binder

Tegular  
smooth texture



Declare.

GREENGUARD  
Gold Certified  
(details below)

LEED®  
WELL™  
LBC

UP TO  
71%  
RECYCLED  
CONTENT

Calculate sustainability with Green Genie™  
[armstrongceilings.com/green genie](http://armstrongceilings.com/green genie)

energy management	<input checked="" type="checkbox"/>	construction waste mgmt	<input checked="" type="checkbox"/>	regional materials	<input checked="" type="checkbox"/>	design or flexibility	<input checked="" type="checkbox"/>
recyclable/ extended producer resp.	<input checked="" type="checkbox"/>	EPD	<input checked="" type="checkbox"/>	biobased materials	<input checked="" type="checkbox"/>	sourcing of raw materials	<input checked="" type="checkbox"/>
recycled content	<input checked="" type="checkbox"/>	material ingredient reporting	<input checked="" type="checkbox"/>	low emitting/ materials	<input checked="" type="checkbox"/>	lighting quality	<input checked="" type="checkbox"/>
biobased materials	<input checked="" type="checkbox"/>	material reporting	<input checked="" type="checkbox"/>	low emitting/ materials	<input checked="" type="checkbox"/>	lighting quality	<input checked="" type="checkbox"/>
sourcing of raw materials	<input checked="" type="checkbox"/>	ingredient reporting	<input checked="" type="checkbox"/>	low emitting/ materials	<input checked="" type="checkbox"/>	lighting quality	<input checked="" type="checkbox"/>
material ingredient reporting	<input checked="" type="checkbox"/>	low emitting/ materials	<input checked="" type="checkbox"/>	lighting quality	<input checked="" type="checkbox"/>	acoustics	<input checked="" type="checkbox"/>
low emitting/ materials	<input checked="" type="checkbox"/>	lighting quality	<input checked="" type="checkbox"/>	acoustics	<input checked="" type="checkbox"/>		
lighting quality	<input checked="" type="checkbox"/>	acoustics	<input checked="" type="checkbox"/>				

## VISUAL SELECTION

armstrongceilings.com/suspdwgs	Susp. Dwg.	Item No.	Dimensions (Inches)	
OPTIMA® Health Zone™	8, 10	3214PB	24 x 24 x 1"	<input type="checkbox"/>
		3316	24 x 24 x 1-1/2"	<input type="checkbox"/>
		3215PB	24 x 48 x 1"	<input type="checkbox"/>
		3317	24 x 48 x 1-1/2"	<input type="checkbox"/>
<b>PB 1" Thick - 15/16" &amp; 9/16" Square Tegular</b>				
Made-to-Order Sizes			Width (short side)	Length (long side)
Visit the product page online and see "Configure an Item" to verify capabilities. Questions? email Techline@armstrongceilings.com			N/A	N/A
			4" - 47-1/2"	9" - 48"

1 Ctn Min  
**FASTSIZE**  
3 WEEKS  
order to ship

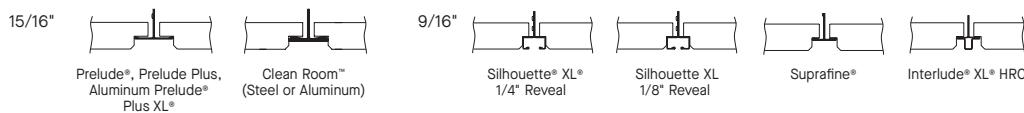
## PERFORMANCE SELECTION

Dots represent high level of performance.

UL Classified Acoustics + CAC =	Total	Acoustics	Articulation Class	Fire Performance	Light Reflect	Bio-Block+	Hum-Guard+	Certified Low VOC Emissions	CleanAssure® Disinfectable Panels	Fog & Spray	Water Repel	Wipe	Scrub	Impact	Scratch	Soil	DURABILITY	30-Yr Warranty
	NRC	+ CAC	AC	Class	Flame	Light	Anti-Bacterial/Mold/Mildew	Sag Resistant	Low VOC Emissions	Panel	Water	Wash	Scrub	Impact	Scratch	Soil		
15/16" Square Tegular	0.95*	N/A	N/A	190°	Class A	0.86*	+	*	*	*	*	*	*	*	*	*	*	*
	0.95*	29	N/A	190°	Class A	0.86*	+	*	N/A	*	*	*	*	*	*	*	*	*
	0.95*	N/A	N/A	190°	Class A	0.86*	+	*	*	*	*	*	*	*	*	*	*	*
	0.95*	29	N/A	190°	Class A	0.86*	+	*	N/A	*	*	*	*	*	*	*	*	*
9/16" Square Tegular	0.95*	N/A	N/A	190°	Class A	0.86*	+	*	*	*	*	*	*	*	*	*	*	*
	0.95*	43	47, 51,	3216PB	24 x 24 x 1"		+	*	*	*	*	*	*	*	*	*	*	*
	0.95*	55		3217PB	24 x 48 x 1"		+	*	*	*	*	*	*	*	*	*	*	*
<b>PB 1" Thick - 15/16" &amp; 9/16" Square Tegular</b>																		
<b>Non-PB 1" Thick - 15/16" &amp; 9/16" Square Tegular</b>																		
<b>Non-PB 1-1/2" Thick - 15/16" &amp; 9/16" Square Tegular</b>																		

<sup>1</sup> Total Acoustics® ceiling panels have an ideal combination of sound absorption and sound blocking in one product.

## SUSPENSION SYSTEMS \*CAC 29 achieved with Clean Room™ suspension system.



## 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 E1264 Classification**  
Type XII, 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**  
(PB suffix items only)  
GREENGUARD Gold Certified

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

**Primary (Embodied) Energy**  
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.

Meets ISO Class 5 particulate shedding requirements; not suitable for use in pressurized environments.

**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  
3316 – 0.67 lbs/SF; 32 SF/ctn

**Minimum Order Quantity**  
1 carton