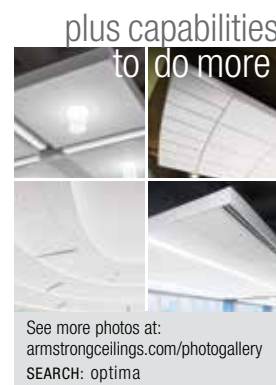


# OPTIMA® Health Zone™

Square Lay-in  
fine texture



**SUSTAIN®**  
High Performance  
Sustainable  
Ceiling Systems  
(PB Suffix Only)



Optima® Health Zone™ Square Tegular panels with Prelude® XL® 15/16" suspension system (Pgs 458-459)

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

## TYPICAL APPLICATIONS

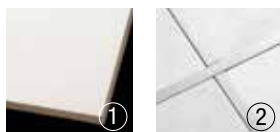
- Clean Rooms
- Medical facilities
- Data centers
- Healthcare:
- Assists in addressing HIPAA, HCAHPS, and FGI requirements
- Patient rooms (walls-to-deck)
- Treatment rooms (walls-to-deck)
- Nurses' stations
- Emergency rooms
- Semi-restricted surgical areas
- Kitchens/food preparation areas
- Laboratories

## 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® Health Zone™

Square Lay-in  
fine texture



**GREENGUARD**  
Gold Certified  
Formaldehyde-Free  
(details below)



**SUSTAIN™**  
High Performance  
Sustainable  
Ceiling Systems  
(PB Suffix Only)

**PLANT  
BASED  
BINDER**  
As Noted

**Declare™**  
Living Building  
Challenge Compliant  
(PB Suffix Only)

UP TO **71%** RECYCLED CONTENT

**LEED®**

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

Calculate LEED contribution at [armstrongceilings.com/greengenie](http://armstrongceilings.com/greengenie)

## VISUAL SELECTION

Edge Profile	Susp. Dwg. Pgs. 474-478	Item No.	Dimensions (Inches)
		<b>3114PB</b>	24 x 24 x 1"
		<b>3314</b>	24 x 24 x 1-1/2"
		<b>3115PB</b>	24 x 48 x 1"
		<b>3315</b>	24 x 48 x 1-1/2"

## OPTIMA® Size Capabilities

15/16" Square Lay-in	1 CTN MIN Made-to-Order Sizes (3 Wks)	PB 1" Thick
		6" - 9"
		6-1/2" - 42"
		42-1/2" - 48"
		9" - 48"
		6" - 48"
		6" - 42"
		<b>Non-PB 1" Thick</b>
		4" - 6"
		6-1/2" - 42"
		42-1/2" - 48"
		9" - 48"
		4" - 48"
		4" - 42"
		<b>Non-PB 1-1/2" Thick</b>
		4" - 6"
		6-1/2" - 36"
		36-1/2" - 42"
		42-1/2" - 48"
		9" - 96"
		4" - 120"
		4" - 102"
		4" - 90"

## PERFORMANCE SELECTION

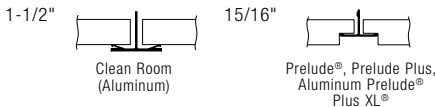
Dots represent high level of performance.

UL Classified Acoustics	Total Acoustics <sup>1</sup>	Articulation Class	Fire Performance	Light Reflect	Mold & Mildew Protection	Sag Resist	Certified Low VOC Emissions	Water Repel	Wash	Scrub	Impact	Scratch	Soil	Recycled Content	Recycle Program	30-Yr Warranty
0.95	N/A	-	190 Class A	0.86	•	•	•	•	•	•	•	•	•	•	•	•
0.95	29	-	190 Class A	0.86	•	•	-	•	•	•	•	•	•	•	-	•
0.95	N/A	-	190 Class A	0.86	•	•	•	•	•	•	•	•	•	•	•	•
0.95	29	-	190 Class A	0.86	•	•	-	•	•	•	•	•	•	•	-	•
N/A	N/A	-	N/A Class A	0.86	•	•	•	•	•	•	•	•	•	•	•	•
N/A	N/A	-	N/A Class A	0.86	•	•	•	•	•	•	•	•	•	•	•	•
N/A	N/A	-	N/A Class A	0.86	•	•	•	•	•	•	•	•	•	•	•	•

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

## SUSPENSION SYSTEMS

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



## PHYSICAL DATA

**Material**  
3114PB, 3115PB – 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**  
ASTM E84 and CAN/ULC S102 surface burning characteristics. Flame Spread Index 25 or less. Smoke Developed Index 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.

**Mold/Mildew & Bacteria Protection**  
Optima® HealthZone™ ceiling panels with BioBlock® Plus performance resist the growth of mold and mildew, and resist odor- and stain-causing bacterial growth.

**VOC Emissions (PB suffix items only)**  
**GREENGUARD Gold Certified**  
This product has been UL validated to be Formaldehyde-Free. [UL.COM/ECV](http://UL.COM/ECV).  
Third-party certified compliant with California Department of Public Health CDPH/EHLB/Standard Method Version 1.1, 2010. This standard is the guideline for low emissions in LEED, 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)

PRODUCT CERTIFIED FOR LOW CHEMICAL EMISSIONS  
[UL.COM/GG](http://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.

**30-Year Performance Guarantee & Warranty**  
When installed with Armstrong® Suspension System. Details at [armstrongceilings.com](http://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/ctn  
3115PB, 3315 – 0.45 lbs/SF; 96 SF/ctn  
3314, 3316 – 0.67 lbs/SF; 32 SF/ctn

**Minimum Order Quantity**  
1 carton



FIBERGLASS

# OPTIMA® Health Zone™

Tegular  
fine texture



**SUSTAIN®**  
High Performance  
Sustainable  
Ceiling Systems  
(PB Suffix Only)



Optima® Health Zone™ Square Tegular panels with Prelude® XL® 15/16" suspension system (Pgs. 458-459)

plus capabilities  
to do more



See more photos at:  
[armstrongceilings.com/photogallery](http://armstrongceilings.com/photogallery)  
SEARCH: optima

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 3214, 3215 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

## TYPICAL APPLICATIONS

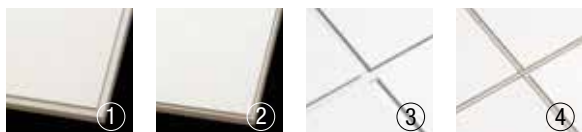
- Clean Rooms
- Medical facilities
  - Data centers
- Healthcare:
- Assists in addressing HIPAA, HCAHPS, and FGI requirements
  - Patient rooms (walls-to-deck)
  - Treatment rooms (walls-to-deck)
  - Nurses' stations
  - Emergency rooms
  - Semi-restricted surgical areas
  - Kitchens/food preparation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

## 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



FIBERGLASS

# OPTIMA® Health Zone™

Tegular  
fine texture



UP TO 71% RECYCLED CONTENT

Calculate LEED contribution at [armstrongceilings.com/greengenie](http://armstrongceilings.com/greengenie)

LEED®

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

LOCATION DEPENDENT      PB ONLY      PB ONLY

## VISUAL SELECTION

Edge Profile	Susp. Dwg. Pgs. 474-478 armstrongceilings.com/catdwgs	Item No.	Dimensions (Inches)
15/16" Square Tegular		3214PB	24 x 24 x 1"
		3316	24 x 24 x 1-1/2"
		3215PB	24 x 48 x 1"
		3317	24 x 48 x 1-1/2"
9/16" Square Tegular		3216PB	24 x 24 x 1"
		3217PB	24 x 48 x 1"

## OPTIMA® Size Capabilities

15/16" & 9/16" Square Tegular	1 CTN MIN Made-to-Order Sizes (3 Wks)	PB 1" Thick
		6" - 11-1/2"    9" - 48"
		12" - 47-1/2"    6" - 48"
		48"                    6" - 42"
		Non-PB 1" Thick
		4" - 11-1/2"    9" - 48"
		12" - 47-1/2"    4" - 48"
		48"                    4" - 42"
		Non-PB 1-1/2" Thick
		4" - 11-1/2"    9" - 96"
		12" - 41-1/2"    12" - 120"
		42" - 47-1/2"    4" - 120"
		48"                    4" - 90"

## PERFORMANCE SELECTION

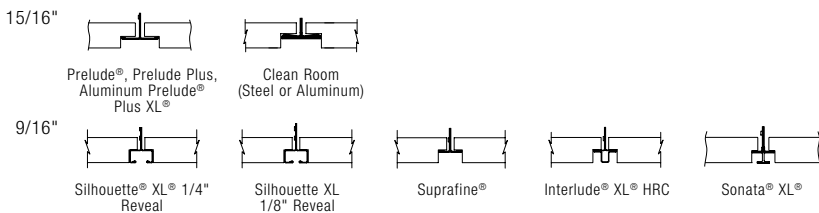
Dots represent high level of performance.

UL Classified Acoustics	NRC	+ CAC	Total Acoustics <sup>1</sup>	Articulation Class	Fire Performance	Light Reflect	Mold & Mildew Protection	Sag Resist	Humi-Guard+	Certified Low VOC Emissions	Water Repel	Wash	Scrub	Impact	Scratch	Soil	Recycled Content	Recycle Program	30-Yr Warranty
0.95	N/A	-	190	Class A	0.86	•	•	•	•	•	•	•	•	•	•	•	•	•	•
0.95	29	-	190	Class A	0.86	•	•	-	•	•	•	•	•	•	•	•	•	•	•
0.95	N/A	-	190	Class A	0.86	•	•	•	•	•	•	•	•	•	•	•	•	•	•
0.95	29	-	190	Class A	0.86	•	•	-	•	•	•	•	•	•	•	•	•	•	•
0.95	N/A	-	190	Class A	0.86	•	•	•	•	•	•	•	•	•	•	•	•	•	•
0.95	N/A	-	190	Class A	0.86	•	•	•	•	•	•	•	•	•	•	•	•	•	•
N/A	N/A	-	N/A	Class A	0.86	•	•	•	•	•	•	•	•	•	•	•	•	•	•
N/A	N/A	-	N/A	Class A	0.86	•	•	•	•	•	•	•	•	•	•	•	•	•	•
N/A	N/A	-	N/A	Class A	0.86	•	•	•	•	•	•	•	•	•	•	•	•	•	•

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

## SUSPENSION SYSTEMS

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



## 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**  
ASTM E84 and CAN/ULC S102 surface burning characteristics. Flame Spread Index 25 or less. Smoke Developed Index 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.

**Mold/Mildew & Bacteria Protection**  
Optima® HealthZone™ ceiling panels with BioBlock® Plus performance resist the growth of mold and mildew, and resist odor- and stain-causing bacterial growth.

**VOC Emissions**  
(PB suffix items only)  
**GREENGUARD Gold Certified**  
This product has been UL validated to be Formaldehyde-Free. [UL.COM/ECV](http://UL.COM/ECV).

Third-party certified compliant with California Department of Public Health CDPH/EHLB/Standard Method Version 1.1, 2010. This standard is the guideline for low emissions in LEED, 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)

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.

## 30-Year Performance Guarantee & Warranty

When installed with Armstrong® Suspension System. Details at [armstrongceilings.com](http://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

3214PB, 3216PB – 0.46 lbs/SF; 48 SF/carton  
3215PB, 3217PB – 0.45 lbs/SF; 96 SF/carton  
3317 – 0.75 lbs/SF; 64 SF/carton  
3316 – 0.67 lbs/SF; 32 SF/carton

**Minimum Order Quantity**  
1 carton

TechLine / 1 877 276-7876  
[armstrongceilings.com/commercial](http://armstrongceilings.com/commercial)  
(search: optima health zone)  
BPCS-4261-719

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FIBERGLASS