

OPTIMA® Health Zone™
 OPTIMA® PB Health Zone™
 with Plant-based Binder
 Square Lay-in
 smooth texture


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


**24/7
 DEFEND™**
 Solutions for Healthier,
 Safer Spaces
CONTAIN CLEAN PROTECT



CAD/Revit® drawings at:
armstrongceilings.com/cadrevit


DESIGNFlex™
 A New World of Choice
 for Ceiling Systems



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

armstrongceilings.com/capabilities
 See more photos at:
armstrongceilings.com/photogallery

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

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
- 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

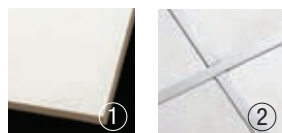
TYPICAL APPLICATIONS

- 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



DETAILS



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

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Declare.

LEED® WELL™ LBC
UP TO **71% RECYCLED CONTENT**
energy management, construction waste mgmt, regional materials, design for flexibility, EPD, recyclable/pre-consumer producer resp., biobased materials, recycled content, sourcing of raw materials, material ingredient reporting, low emitting materials, lighting quality, acoustics

LOCATION DEPENDENT PB ONLY PB ONLY PB ONLY

Calculate sustainability with GreenGenie™
armstrongceilings.com/greengenie

VISUAL SELECTION

armstrongceilings.com/catdws	Susp. Dwg.	Item No.	Dimensions (Inches)
OPTIMA® Health Zone™	1, 6, 7	3114PB	24 x 24 x 1"
15/16" Square Lay-in		3314	24 x 24 x 1-1/2"
		3115PB	24 x 48 x 1"
		3315	24 x 48 x 1-1/2"

1 Ctn Min FASTSIZE 3 WEEKS order to ship

Made-to-Order Sizes
Visit the product page online and see "Configure an Item" to verify capabilities. Questions? email TechLine@armstrongceilings.com

PB 1" Thick – 15/16" Square Lay-in

Width	Length
6" – 47-1/2"	9" – 48"
43" – 48"	9" – 42"

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

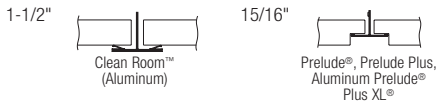
Width	Length
4" – 47-1/2"	9" – 48"

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

Width	Length	NRC	AC	Fire	Light Reflect	Anti-Bacterial/Mold/Mildew	Sag Resistant	Certified Low VOC Emissions	Fog & Spray	Wipe	Water Repel	Wash	Scrub	Impact	Scratch	Soil	Recycle Program	30-Yr Warranty	
4" – 47-1/2"	9" – 48"	N/A	N/A	N/A	N/A	Class 0.86 A	+	•	•	•	•	•	•	•	•	•	•	N/A	•

† 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.



PHYSICAL DATA

Material
3114PB, 3115PB – Fiberglass with DuraBrite® scrim acoustically transparent membrane. 3314, 3315

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)

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
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



FIBERGLASS – Standard

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 with Plant-based Binder
 Tegular
 smooth texture


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- 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 3214, 3215 with Clean Room™ suspension system)
- Exceeds FGI guidelines for acoustics and cleanability in general healthcare spaces
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- Meets USDA/FSIS guidelines for use in food processing areas
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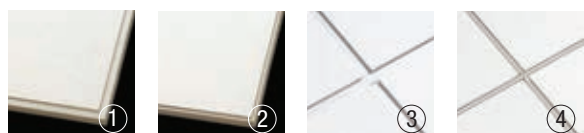
COLOR



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 - Nurses' stations
 - Emergency rooms
 - Semi-restricted surgical areas
 - Kitchens/food preparation areas
 - Laboratories
- Education
- Office

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

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LEED® WELL™ LBC
UP TO 71% RECYCLED CONTENT
energy management construction waste mgmt regional materials design for flexibility EPD recyclable/producer resp. biobased materials recycled content sourcing of raw materials material ingredient reporting low emitting materials lighting quality acoustics

LOCATION DEPENDENT PB ONLY PB ONLY PB ONLY

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VISUAL SELECTION

armstrongceilings.com/catdws	Susp. Dwg.	Item No.	Dimensions (Inches)
OPTIMA® Health Zone™	8, 10	3214PB	24 x 24 x 1"
15/16" Square Tegular		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	26, 43, 47, 51, 55	3216PB	24 x 24 x 1"
		3217PB	24 x 48 x 1"

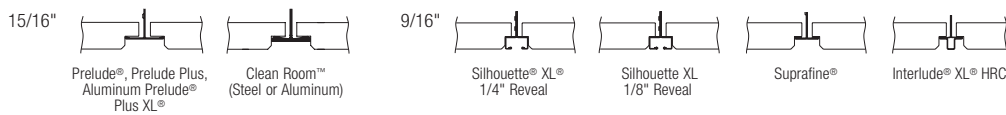
1 Ctn Min FASTSIZE 3 WEEKS order to ship

Made-to-Order Sizes
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PERFORMANCE SELECTION Dots represent high level of performance.

UL Classified Acoustics	Total Acoustics ¹ Articulation Class	Fire Performance	Light Reflect	Anti-Bacterial/Mold/Mildew	Sag Resistant	Certified Low VOC Emissions	CleanAssure™ Disinfectable Panels	DURABILITY	Recycle Program	30-Yr Warranty
0.95 N/A	N/A 190 Class A	0.86	+	•	•	•	•	•	•	•
0.95 29	N/A 190 Class A	0.86	+	•	N/A	•	•	•	•	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	•	•	•	•	N/A •
0.95 N/A	N/A 190 Class A	0.86	+	•	•	•	•	•	•	•
0.95 N/A	N/A 190 Class A	0.86	+	•	•	•	•	•	•	•
1 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/EGV.
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.

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



FIBERGLASS – Standard