OPTIMA® Health Zone™

Square Lay-in, Tegular fine texture







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, 3214, 3215 with Clean Room™ suspension system)
- · Exceeds FGI guidelines for acoustics and cleanability in general healthcare
- · 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

DETAILS (Other Suspension Systems compatible. Refer to listing on page 296.)













- 1. Optima® Health Zone™ Square Lay-in
- 2. Optima® Health Zone™ 15/16" Square Tegular
- 3. Optima® Health Zone™ 9/16" Square Tegular
- 4. Optima® Health Zone™ Square Lay-in with Clean Room™ 15/16" suspension system
- 5. Optima® Health Zone™ Square Tegular with Prelude XL 15/16" suspension system
- 6. Optima® Health Zone™ PB Square Tegular with Interlude® XL® HRC 9/16" suspension system









White (WH)

COLOR

FIBERGL,

OPTIMA® Health Zone™

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Declare

Living Building
Challenge Compliant
PB Suffix Only

High Performance Sustainable Ceiling Systems PB Suffix Only

Calculate LEED contribution at armstrongceilings.com/greengenie

PB ONLY PB ONLY

VISUAL SELECTION

PERFORMANCE SELECTION Dots represent high level of performance.

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Edge Profile	Susp. Dwg. Pgs. 407-411 armstrongceilings. com/catdwgs	Item No.	Dimensions (Inches)		UL Cla Acou	ssified istics + CAC =	# 2	Articulation Class	Fire Performance	Light Reflect	Mold & Mildew Protection	Sag Resist	Certified Low VOC Emissions	Water Repel	Wash Wash	Scrub	Impact	V Scratch	Soil Soil	Recycled Content	Recycle Program	30-Yr Warranty
OPTIM	A® Health Zo	one™									Bio- Block+	Humi- Guard+				– Dura	bility –				_	
15/16" Square Lay-in	1, 6, 7	→ 3114PB	24 x 24 x 1"		0.95	N/A	=	190	Class A	0.86	•	•	•	•	•	•	•	•	•	•	•	•
	1, 6, 7	3314	24 x 24 x 1-1/2	" 🔲	0.95	29	-	190	Class A	0.86	•	•	-	•	•	•	•	•	•	•	-	•
	1, 6, 7	∌ 3115PB	24 x 48 x 1"		0.95	N/A	_	190	Class A	0.86	•	•	•	•	•	•	•	•	•	•	•	•
	1, 6, 7	3315	24 x 48 x 1-1/2	"	0.95	29	-	190	Class A	0.86	•	•	-	•	•	•	•	•	•	•	_	•
15/16" Square Tegular	8, 10	∮ 3214PB	24 x 24 x 1"		0.95	N/A	-	190	Class A	0.86	•	•	•	•	•	•	•	•	•	•	•	•
	8, 10	3316	24 x 24 x 1-1/2	" 🔲	0.95	29	-	190	Class A	0.86	•	•	-	•	•	•	•	•	•	•	-	•
	8, 10	∌ 3215PB	24 x 48 x 1"		0.95	N/A	_	190	Class A	0.86	•	•	•	•	•	•	•	•	•	•	•	•
	8, 10	3317	24 x 48 x 1-1/2	"	0.95	29	-	190	Class A	0.86	•	•	-	•	•	•	•	•	•	•	-	•

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



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Ceiling Systems PB Suffix Only





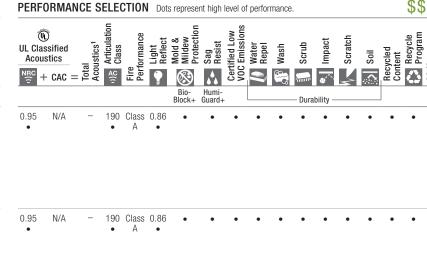
PB ONLY PB ONLY \$\$\$\$

VISUAL SELECTION

dge rofile	Susp. Dwg. Pgs. 407-411 armstrongceilings. com/catdwgs	Item No.	Dimensions (Inches)	

Edge Profile	Susp. Dwg. Pgs. 407-411 armstrongceilings. com/catdwgs	Item No.	Dimensions (Inches)									
OPTIMA® Health Zone™												
9/16"	26 43 47	3216PR	24 x 24 x 1"		_							





OPTIMA®	Size Capabilities	Width	Length																	
15/16" Square Lay-in 15/16" & 9/16" Square Tegular	Made- to-Order Sizes (3 Wks)	夕 PB 1" Thic! 4" − 42-1/2" 43" − 48"	4" – 48" 4" – 42"	N/A	N/A	-	N/A	Class 0.86 A •	•	•	•	•	•	•	•	•	•	•	•	•
15/16" Square Lay-in & Tegular	Made- W to-Order N Sizes (3 Wks)	Non-PB 1-1/2" 4" - 5-1/2" 6" - 11-1/2" 12" - 42-1/2" 43" - 48"	9" - 48" 6" - 48" 4" - 48" 4" - 42"	N/A	N/A	=	N/A	Class 0.86 A •	•	•	•	•	•	•	•	•	•	•	•	•



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Declare^{s™} Living Building Challenge Compliant PB Suffix Only





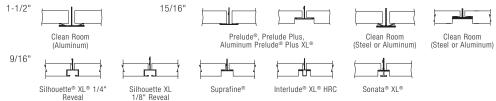
PB ONLY PB ONLY

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П W

ERGI





PHYSICAL DATA

Material
3114PB, 3115PB, 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 items only)
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 vailable 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 ConsiderationsFor 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, 3124PB, 3216PB – 0.46 lbs/SF; 48 SF/ctn 3115PB, 3215PB, 3217PB, 3315 – 0.45 lbs/SF; 96 SF/ctn 3317 - 0.75 lbs/SF; 64 SF/ctn 3314, 3316 - 0.67 lbs/SF; 32 SF/ctn

Minimum Order Quantity

1 carton