

# OPTIMA® Health Zone™

## Square Lay-in, Tegular

fine texture



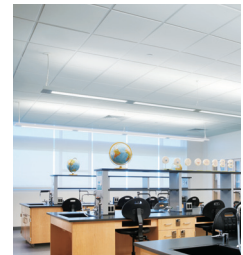
Health Zone Optima Square Tegular with Prelude® XL® 15/16" suspension system (Pg.259)

### KEY SELECTION ATTRIBUTES

- 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 spaces
- Smooth, clean, durable finish – Impact-resistant, Scratch-resistant, and Soil-resistant
- Outstanding acoustical performance for open plan areas, both Articulation Class (190) and NRC (0.95)
- Long-lasting water-repellency
- Washable and Scrubbable
- 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
- 30-Year Limited System Warranty against visible sag, mold/mildew, and bacterial growth

### TYPICAL APPLICATIONS

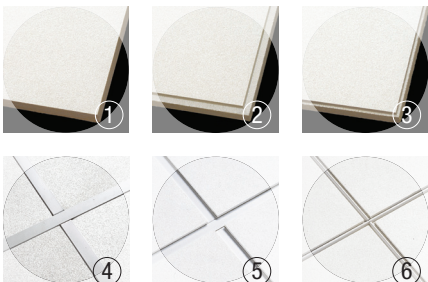
- Clean Rooms
- Medical facilities
- Data centers
- Healthcare. Assists in addressing FGI and HIPAA requirements.
- Patient rooms (walls-to-deck)
- Treatment rooms (walls-to-deck)
- Nurses' stations
- Emergency rooms
- Semi-restricted surgical areas
- Kitchens/food preparation areas
- Laboratories



Visit [Armstrong.com](http://Armstrong.com) Photo Gallery to view more installation photos

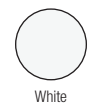
SEARCH: optima

### DETAIL (Other Suspension Systems compatible. Refer to listing on page 206.)



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 Square Tegular with Interlude® XL 9/16" suspension system

### COLOR



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UP TO **71%** RECYCLED CONTENT

**LEED®** acoustics energy daylight & views indoor air quality renewable materials recycled content waste mgmt local\* materials

EPD AVAILABLE

Calculate LEED contribution at [armstrong.com/greengenie](http://armstrong.com/greengenie) \*LOCATION DEPENDENT

## VISUAL SELECTION

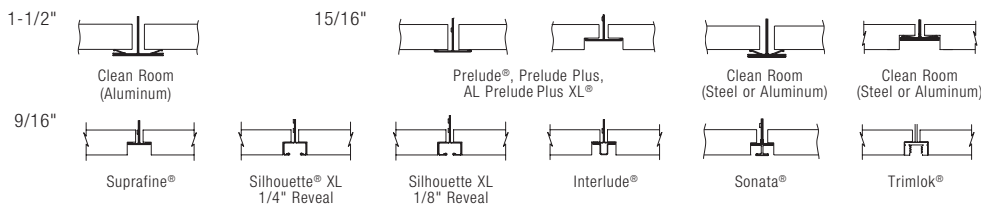
## PERFORMANCE

Dots represent high level of performance.

Edge Profile	Susp. Dwg. Pgs. 273-277 <a href="http://armstrong.com/catdwgs">armstrong.com/catdwgs</a>	Item No.	Dimensions (Inches)	Acoustics		Fire Rating	Light Reflect	Anti-Mold & Mildew	Sag Resist	Certified Low VOC Emissions	Durability						Recycle Program	Warranty*					
				NRC	CAC						AC	UL Classified	Inherent	Humi-Guard+	Water Repel	Wash			Scrub	Impact	Scratch	Soil	Below 11MJ/SF
<b>OPTIMA Health Zone</b>																							
15/16" Square Lay-in	1, 6, 7	<b>3114</b>	24 x 24 x 1"	□	0.95	N/A	190	Class A	0.86	•	•	-	•	•	•	•	•	•	•	High	•	30	
	1, 6, 7	<b>3314</b>	24 x 24 x 1-1/2"	□	0.95	29**	190	Class A	0.86	•	•	-	•	•	•	•	•	•	•	High	-	30	
	1, 6, 7	<b>3115</b>	24 x 48 x 1"	□	0.95	N/A	190	Class A	0.86	•	•	-	•	•	•	•	•	•	•	High	•	30	
	1, 6, 7	<b>3315</b>	24 x 48 x 1-1/2"	□	0.95	29**	190	Class A	0.86	•	•	-	•	•	•	•	•	•	•	High	-	30	
	1	<b>Other Sizes</b>		W: 4" - 24" / L: 4" - 96" 3/4" Thick	□	0.90	N/A	180	Class A	0.90	•	•	-	•	•	•	•	•	•	•	High	•	30
	1	<b>Other Sizes</b>		W: 4" - 48" / L: 4" - 120" 1" Thick	□	0.95	N/A	190	Class A	0.90	•	•	-	•	•	•	•	•	•	•	High	•	30
	1	<b>Other Sizes</b>		W: 4" - 42" / L: 4" - 120" W: 4" - 48" / L: 4" - 114" 1-1/2" Thick	□	1.00	N/A	200	Class A	0.90	•	•	-	•	•	•	•	•	•	•	High	•	30
15/16" Square Tegular	8, 10	<b>3214</b>	24 x 24 x 1"	□	0.95	N/A	190	Class A	0.86	•	•	-	•	•	•	•	•	•	•	High	•	30	
	8, 10	<b>3316</b>	24 x 24 x 1-1/2"	□	0.95	29**	190	Class A	0.86	•	•	-	•	•	•	•	•	•	•	High	-	30	
	8, 10	<b>3215</b>	24 x 48 x 1"	□	0.95	N/A	190	Class A	0.86	•	•	-	•	•	•	•	•	•	•	High	•	30	
	8, 10	<b>3317</b>	24 x 48 x 1-1/2"	□	0.95	29**	190	Class A	0.86	•	•	-	•	•	•	•	•	•	•	High	-	30	
	8, 10	<b>Other Sizes</b>		W: 4" - 48" / L: 12" - 48" 1" Thick	□	0.95	N/A	190	Class A	0.86	•	•	-	•	•	•	•	•	•	•	High	•	30
9/16" Square Tegular	26, 43, 47, 51, 55, 59	<b>3216</b>	24 x 24 x 1"	□	0.95	N/A	190	Class A	0.86	•	•	-	•	•	•	•	•	•	•	High	•	30	
	26, 43, 47, 51, 55, 59	<b>3217</b>	24 x 48 x 1"	□	0.95	N/A	190	Class A	0.86	•	•	-	•	•	•	•	•	•	•	High	•	30	
	26, 43, 47, 51, 55, 59	<b>Other Sizes</b>		W: 4" - 48" / L: 12" - 48" 1" Thick	□	0.95	N/A	190	Class A	0.86	•	•	-	•	•	•	•	•	•	High	•	30	

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

## SUSPENSION SYSTEMS



## PHYSICAL DATA

### Material

3114, 3115, 3214, 3215, 3216, 3217 – Fiberglass with DuraBrite® 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

### Sag Resistance

HumiGuard® Plus – superior resistance to sagging in high humidity conditions up to, but not including, standing water and outdoor applications.

### Anti Mold/Mildew & Bacteria

Fiberglass substrate is inherently resistant to the growth of mold, mildew, and bacteria.

### Primary (Embodied) Energy

See all LCA information on our EPD's.

### 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)

### 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.

### 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 [armstrong.com/warranty](http://armstrong.com/warranty)

### 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

3114, 3115, 3214, 3215, 3216, 3217, 3314, 3315 – 0.45 lbs/SF; 96 SF/ctn  
3316, 3317 – 0.75 lbs/SF; 64 SF/ctn

### Minimum Order Quantity

1 carton

