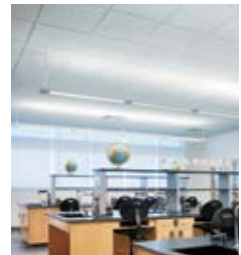# OPTIMA® Health Zone™

Square Lay-in, Tegular
fine texture

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

Visit Armstrong.com
Photo Gallery to view more
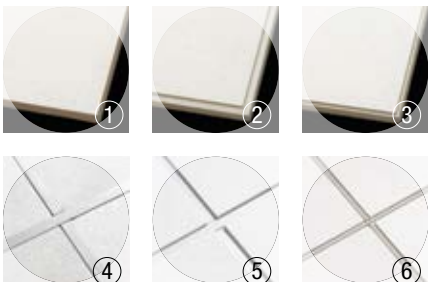installation photos

SEARCH: optima

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

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

① ② ③

④ ⑤ ⑥

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

White

TechLineˢᴹ 877 ARMSTRONG   armstrong.com/commceilings

Armstrong®

OPTIMA® Health Zone™
Square Lay-in, Tegular
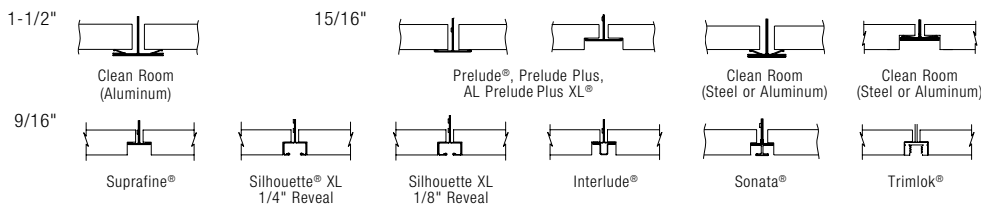fine texture

VISUAL SELECTION

PERFORMANCE   Dots represent high level of performance.

Edge Profile	Susp. Dwg. Pgs. 273-277 armstrong.com/catdwgs	Item No.	Dimensions (Inches)		Acoustics NRC	CAC	AC	Fire Rating	Light Reflect	Anti-Mold & Mildew	Sag Resist	Certified Low VOC Emissions	Durability Water Repel	Wash	Scrub	Impact	Scratch	Soil	Primary (Embodied) Energy Below 11MJ/SF	Recycled Content♦	Recycle Program	Warranty† No. of Years
					UL Classified				Inherent	Humi-Guard+											Yes	
OPTIMA Health Zone																						
15/16" Square Lay-in	1, 6, 7	**3114**	24 x 24 x 1"	☐	0.95 •	N/A	190	Class A	0.86 •	•	•	–	•	•	•	•	•	•	•	High	•	30
	1, 6, 7	**3314**	24 x 24 x 1-1/2"	☐	0.95 •	29**	190	Class A	0.86 •	•	•	–	•	•	•	•	•	•	•	High	–	30
	1, 6, 7	**3115**	24 x 48 x 1"	☐	0.95 •	N/A	190	Class A	0.86 •	•	•	–	•	•	•	•	•	•	•	High	•	30
	1, 6, 7	**3315**	24 x 48 x 1-1/2"	☐	0.95 •	29**	190	Class A	0.86 •	•	•	–	•	•	•	•	•	•	•	High	–	30
	1	**Other Sizes**	W: 4" - 47" / L: 12" - 48" 1" Thick		0.95 •	N/A	190	Class A	0.86 •	•	•	–	•	•	•	•	•	•	•	High	•	30
15/16" Square Tegular	8, 10	**3214**	24 x 24 x 1"	☐	0.95 •	N/A	190	Class A	0.86 •	•	•	–	•	•	•	•	•	•	•	High	•	30
	8, 10	**3316**	24 x 24 x 1-1/2"	☐	0.95 •	29**	190	Class A	0.86 •	•	•	–	•	•	•	•	•	•	•	High	–	30
	8, 10	**3215**	24 x 48 x 1"	☐	0.95 •	N/A	190	Class A	0.86 •	•	•	–	•	•	•	•	•	•	•	High	•	30
	8, 10	**3317**	24 x 48 x 1-1/2"	☐	0.95 •	29**	190	Class A	0.86 •	•	•	–	•	•	•	•	•	•	•	High	–	30
	8, 10	**Other Sizes**	W: 4" - 47" / 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	**3216**	24 x 24 x 1"	☐	0.95 •	N/A	190	Class A	0.86 •	•	•	–	•	•	•	•	•	•	•	High	•	30
	26, 43, 47, 51, 55, 59	**3217**	24 x 48 x 1"	☐	0.95 •	N/A	190	Class A	0.86 •	•	•	–	•	•	•	•	•	•	•	High	•	30
	26, 43, 47, 51, 55, 59	**Other Sizes**	W: 4" - 47" / L: 12" - 48" 1" Thick		0.95 •	N/A	190	Class A	0.86 •	•	•	–	•	•	•	•	•	•	•	High	•	30

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

SUSPENSION SYSTEMS

1-1/2" Clean Room (Aluminum)

15/16" Prelude®, Prelude Plus, AL Prelude Plus XL®   Clean Room (Steel or Aluminum)   Clean Room (Steel or Aluminum)

9/16" Suprafine®   Silhouette® XL 1/4" Reveal   Silhouette XL 1/8" Reveal   Interlude®   Sonata®   Trimlok®

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

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

Armstrong®