

# OPTIMA™ Open Plan – Large Sizes

Square Lay-in, Tegular & Vector

fine texture



OPTIMA Open Plan Tegular (48" x 48") with SONATA™ 9/16" Dimensional Tee grid; AXIOM®-Classic Perimeter Trim; Drywall Grid Soffit



OPTIMA Large Size 48" x 48" with PRELUDE® 15/16" Exposed Tee grid; AXIOM-Classic Perimeter Trim; Drywall Grid Soffit

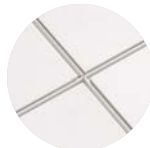
## Detail and Grid Intersections



OPTIMA Square Tegular



OPTIMA Open Plan with PRELUDE 15/16" Exposed Tee grid



OPTIMA Tegular with INTERLUDE XL 9/16" Dimensional Tee grid



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## Square Lay-in, Tegular & Vector

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LEED Credits					
Waste Management	Recycled Content	Local Materials	Renewable Materials	Energy Performance	Daylight & Views
✓	✓	*		✓	✓

\* Credit is location-dependent

### Key Selection Attributes

- Nondirectional DuraBrite™ surface for excellent durability and superior light reflectance (reduces lighting and energy costs by up to 18%)
- Outstanding acoustical performance for open plan areas, both Articulation Class (190) and NRC (0.90-0.95)
- Humidity-resistant **HumiGuard® Plus** performance to inhibit panel sag
- Durable
  - Washable, Impact-resistant, Scratch-resistant, Soil-resistant
- 10-year limited warranty; 15-year with **HumiGuard Plus** products and Armstrong hot dipped galvanized grid

### Typical Applications

- Entry areas
- Unique size requirements
- Corridors
- Auditoriums
- Open Plan offices

### Relative Installed Cost

\$	\$\$	\$\$\$	\$\$\$\$
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### Color



## Visual Selection

## Performance Selection

GRID FACE	EDGE PROFILE	ITEM NUMBER	DIMENSIONS	UL Classified ACOUSTICS			FIRE	SAG RESIST	AVERAGE LIGHT REFLECT	DURABILITY
				NRC	AC	CAC				
<b>OPTIMA® Open Plan - Large Sizes</b>										
15/16"	Square Lay-in	3157	30 x 60 x 1"	0.95	190	-	Class A		0.90	Washable Impact-Resist Scratch-Resist Soil-Resist
		3157M	750 x 1500 x 25mm							
		3160	48 x 48 x 1"	0.95	190	-	Class A		0.90	Washable Impact-Resist Scratch-Resist Soil-Resist
		3160M	1200 x 1200 x 25mm							
		3154**	48 x 96 x 1"	0.95	190	-	Class A		0.90	Washable Impact-Resist Scratch-Resist Soil-Resist
		3154M**	1200 x 2400 x 25mm							
15/16"	Square Tegular	3255	48 x 48 x 1"	0.95	190	-	Class A		0.90	Washable Impact-Resist Scratch-Resist Soil-Resist
		3255M	1200 x 1200 x 25mm							
9/16"	Square Tegular	3256	48 x 48 x 1"	0.95	190	-	Class A		0.90	Washable Impact-Resist Scratch-Resist Soil-Resist
		3256M	1200 x 1200 x 25mm							
<b>OPTIMA Vector™ - Large Sizes</b>										
15/16" (only)	Vector	3909	48 x 48 x 7/8"	0.90	190	-	Class A		0.90	Washable Scratch-Resist Soil-Resist

\*\* OPTIMA fiberglass panels as large as 48" x 96" can be installed as lay-in ceiling (when installed without backloading) and as an acoustical wall panel.

† U.S. Patent 5,674,594

†† U.S. Patents 6,103,360; 6,230,463

CAC Backing available (CAC 26)

Contact TechLine<sup>SM</sup> for specific information on recycled content.



## Accessories - Stabilizer Clip

(ordered separately)

Recommended for panels 5' and greater in length

Item 435 Stabilizer Clip

OPTIMA Vector accessories are listed on page 147.



Note: Panels 5' to 8' – One clip installed near the mid-point of each long edge.

## Physical Data

### Material

Fiberglass with DuraBrite acoustically transparent membrane. With or without CAC backing

### Surface Finish

DuraBrite with factory-applied acrylic latex paint

### Fire Performance

Class A: Flame Spread 25 or under (UL Labeled) per ASTM E 1264

### ASTM E 1264 Classification

Type XII, Form 2, Pattern E

### Recycled Content

40%

### Insulation Value

3157, 3160, 3154, 3255, 3256 –

R Factor – 4.0 (BTU units)

R Factor – 0.70 (Watts units)

3909 –

R Factor – 3.5 (BTU units)

R Factor – 0.62 (Watts units)

### Backloading Recommendation

Contact TechLine for specific information

### Weight; Square Feet/Carlton

3157 – 0.56 lbs/SF; 100 SF/ctn

3160, 3154 – 0.45 lbs/SF; 128 SF/ctn

3255, 3256 – 0.50 lbs/SF; 128 SF/ctn

3909 – 0.60 lbs/SF; 128 SF/ctn

### Warranty

10-year limited warranty; 15-year with **HumiGuard Plus** products and Armstrong hot dipped galvanized grid

Details: armstrong.com/ceilings

### Recommended Suspension System

#### ITEMS

#### SUSPENSION SYSTEM

3157, 3160, 3154

15/16" PRELUDE®

3256

9/16" SUPRAFINE™

9/16" SONATA™

9/16" INTERLUDE® XL

9/16" SILHOUETTE® Bolt-Slot

9/16" TRIMLOK®

3255

15/16" PRELUDE

3909

15/16" PRELUDE

TechLine<sup>SM</sup> / 1 877 ARMSTRONG  
1 877 276 7876

armstrong.com/ceilings

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