

OPTIMA® Open Plan

Square Lay-in

fine texture



Items 3152 & 3153



Optima Open Plan Square Lay-in with Prelude® 15/16" Exposed Tee grid; Axiom® Classic Trim

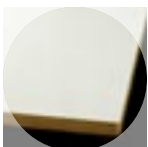
Key Selection Attributes

- Outstanding acoustical performance for open plan areas, both Articulation Class (180-210) and NRC (0.90-1.00)
- Smooth, clean, durable finish – Washable, Impact-resistant, Scratch-resistant, Soil-resistant
- 30-Year Limited System Warranty against visible sag, mold/mildew and bacterial growth
- Energy-saving high light-reflective finish
- Non-directional visual reduces installation time and scrap
- Compatible with the TECHZONE™ Ceiling Systems. Items 3152, 3153, 3156, 3158 only.
- Smaller size panels available (1 carton min. order). Info: armstrong.com/specials

Typical Applications

- Open plan offices
- Computer rooms
- Corridors (walls-to-deck)
- Auditoriums
- Waiting rooms/nurses stations – assists in addressing HIPAA requirements
- Areas with indirect lighting systems

Detail



OPTIMA Open Plan Square Lay-in



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

Color



White (WH)



OPTIMA® Open Plan

Square Lay-in
fine texture

Recycled Content: 82%

armstrong.com/greengenie

LEED® Credits

Energy	Waste Mgmt	Recycled Content	Local Materials	Renewable Materials	Daylight & Views	Acoustics	Low Emitting or CHPS
✓	✓	✓	✓	✓	✓	✓	✓

Location Dependent

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Visual Selection

Performance Selection

Dots represent highest level of performance.

Edge Profile	Item No.	Dimensions	UL Classified			Fire Rating	Light Reflect	Sag Resist	Anti-Microbial	VOC Formaldehyde	Durable			Recycle Program	
			Acoustics NRC	AC	CAC						Wash	Impact	Scratch		Soil
OPTIMA† Open Plan 15/16" Square Lay-in	3150 3150M	2' x 2' x 3/4" 600 x 600 x 19mm	0.90	180	N/A	Class A	0.90	HumiGuard+	Inherent	Low	•	•	•	•	•
	3152 3152M	2' x 2' x 1" 600 x 600 x 25mm	0.95	190	N/A	Class A	0.90	•	•	Low	•	•	•	•	•
	3159 3159M	2' x 2' x 1-1/2" 600 x 600 x 38mm	1.00	200	N/A	Class A	0.90	•	•	Low	•	•	•	•	•
	3352* 3352M	2' x 2' x 1" 600 x 600 x 25mm	0.90	200	26	Class A	0.90	•	•	Low	•	•	•	•	•
	3151 3151M	2' x 4' x 3/4" 600 x 1200 x 19mm	0.90	180	N/A	Class A	0.90	•	•	Low	•	•	•	•	•
	3153 3153M	2' x 4' x 1" 600 x 1200 x 25mm	0.95	190	N/A	Class A	0.90	•	•	Low	•	•	•	•	•
	3155 3155M	2' x 4' x 1-1/2" 600 x 1200 x 38mm	1.00	200	N/A	Class A	0.90	•	•	Low	•	•	•	•	•
	3353* 3353M	2' x 4' x 1" 600 x 1200 x 25mm	0.90	200	26	Class A	0.90	•	•	Low	•	•	•	•	•
	3356* 3356M	2' x 4' x 1-1/2" 600 x 1200 x 38mm	0.95	210	26	Class A	0.90	•	•	Low	•	•	•	•	•
	3156 3156M	20" x 5' x 1" 500 x 1500 x 25mm	0.95	190	N/A	Class A	0.90	•	•	Low	•	•	•	•	•
3158 3158M	30" x 30" x 1" 750 x 750 x 25mm	0.95	190	N/A	Class A	0.90	•	•	Low	•	•	•	•	•	

* CAC Backing (not recyclable)

† U.S. Patent 6,103,360

CAC backing available on all products as a special order

Suspension Systems

15/16" Standard: Prelude®

Physical Data

Material
3150-3153, 3155, 3156, 3158, 3159 – Fiberglass with DuraBrite® acoustically transparent membrane
3352, 3353, 3356 – Fiberglass with DuraBrite acoustically transparent membrane; CAC backing

Surface Finish
DuraBrite with factory-applied acrylic 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.

Low Formaldehyde
Low formaldehyde – contributing less than 13.5 ppb in typical conditions per ASHRAE Standard 62, "Ventilation for Acceptable Indoor Air Quality," California Code Title 24, and other building types in CHPS Section 01350.

Anti Mold/Mildew & Bacteria
Fiberglass substrate is inherently resistant to the growth of mold, mildew and bacteria.

Insulation Value
3150, 3151 –
R Factor – 3.0 (BTU units)
R Factor – 0.53 (Watts units)
3152, 3153, 3156, 3158, 3352, 3353 –
R Factor – 4.0 (BTU units)
R Factor – 0.70 (Watts units)
3155, 3159, 3356 –
R Factor – 6.0 (BTU units)
R Factor – 1.05 (Watts units)

Backloading Recommendation
Contact TechLine for specific information

30-Year Performance Guarantee & Warranty Information
See warranty details at armstrong.com/warranty

Application Considerations
Products with CAC backing are not recyclable.

Weight; Square Feet/Carton
3150, 3151 – 0.44 lbs/SF; 128 SF/ctn
3152, 3153 – 0.45 lbs/SF; 96 SF/ctn
3155, 3159, 3356 – 0.61 lbs/SF; 64 SF/ctn
3156 – 0.47 lbs/SF; 100 SF/ctn
3158 – 0.47 lbs/SF; 75 SF/ctn
3352, 3353 – 0.46 lbs/SF; 96 SF/ctn

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1 877 276 7876

armstrong.com/ceilings (search: optima)
CS-3048-509

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OPTIMA® Open Plan

Tegular
fine texture



Items 3250 & 3251



Optima Open Plan Tegular (2' x 2') with Sonata™ 9/16" Dimensional Tee grid; Axiom® Classic Trim

Key Selection Attributes

- Outstanding acoustical performance for open plan areas, both Articulation Class (190-200) and NRC (0.90-1.00)
- Smooth, clean, durable finish – Washable, Impact-resistant, Scratch-resistant, Soil-resistant
- 30-Year Limited System Warranty against visible sag, mold/mildew and bacterial growth
- Energy-saving high light-reflective finish
- Non-directional visual reduces installation time and scrap
- Compatible with the TECHZONE™ Ceiling Systems. Items 3250, 3251, 3252, 3257, 3258, 3259 only.
- Smaller size panels available (1 carton min. order). Info: armstrong.com/specials

Typical Applications

- Open plan offices
- Computer rooms
- Corridors (walls-to-deck)
- Auditoriums
- Healthcare – assists in addressing HIPAA requirements (walls to deck)
- Areas with indirect lighting systems
- Open plenum areas (in acoustical custom clouds)

Detail



OPTIMA Open Plan Square Tegular



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



OPTIMA Open Plan Tegular with SILHOUETTE® 9/16" Bolt-Slot grid with 1/8" reveal



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

Color



White (WH)



OPTIMA® Open Plan

Tegular
fine texture

Recycled Content: **82%**

armstrong.com/greengenie

LEED® Credits

Energy	Waste Mgmt	Recycled Content	Local Materials	Renewable Materials	Daylight & Views	Acoustics	Low Emitting or CHPS
✓	✓	✓	✓	✓	✓	✓	✓

Location Dependent

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Visual Selection

Performance Selection Dots represent highest level of performance.

Edge Profile	Item No.	Dimensions	UL Classified			Fire Rating	Light Reflect	Sag Resist	Anti-Microbial	VOC Formaldehyde	Durable			Recycle Program	
			Acoustics NRC	AC	CAC						Wash	Impact	Scratch		Soil
OPTIMA† Open Plan Tegular															
9/16" Square Tegular	3251	2' x 2' x 1"	☐	0.95	190	N/A	Class A	0.90	HumiGuard+	Inherent	Low	•	•	•	•
	3251M	600 x 600 x 25mm	☐	•	•			•	•	•	Low	•	•	•	•
	3355*	2' x 2' x 1"	☐	0.90	200	26	Class A	0.90			Low	•	•	•	•
	3355M	600 x 600 x 25mm	☐	•	•			•	•	•	Low	•	•	•	•
	3254	2' x 2' x 1-1/2"	☐	1.00	200	N/A	Class A	0.90			Low	•	•	•	•
	3254M	600 x 600 x 38mm	☐	•	•			•	•	•	Low	•	•	•	•
15/16" Square Tegular	3257	2' x 4' x 1"	☐	0.95	190	N/A	Class A	0.90			Low	•	•	•	•
	3257M	600 x 1200 x 25mm	☐	•	•			•	•	Low	•	•	•	•	
	3259	30" x 30" x 1"	☐	0.95	190	N/A	Class A	0.90			Low	•	•	•	•
	3263	1' x 2' x 1"	☐	N/A	N/A	N/A	Class A	0.90			Low	•	•	•	•
	3250	2' x 2' x 1"	☐	0.95	190	N/A	Class A	0.90			Low	•	•	•	•
	3250M	600 x 600 x 25mm	☐	•	•			•	•	•	Low	•	•	•	•
15/16" Square Tegular	3354*	2' x 2' x 1"	☐	0.90	200	26	Class A	0.90			Low	•	•	•	•
	3354M	600 x 600 x 25mm	☐	•	•			•	•	Low	•	•	•	•	
	3253	2' x 2' x 1-1/2"	☐	1.00	200	N/A	Class A	0.90			Low	•	•	•	•
	3253M	600 x 600 x 38mm	☐	•	•			•	•	Low	•	•	•	•	
	3252	2' x 4' x 1"	☐	0.95	190	N/A	Class A	0.90			Low	•	•	•	•
	3252M	600 x 1200 x 25mm	☐	•	•			•	•	Low	•	•	•	•	
15/16" Square Tegular	3258	30" x 30" x 1"	☐	0.95	190	N/A	Class A	0.90			Low	•	•	•	•
	3264	1' x 2' x 1"	☐	N/A	N/A	N/A	Class A	0.90			Low	•	•	•	•

* CAC Backing (not recyclable)

† U.S. Patent 6,103,360

CAC backing available on all products as a special order

Suspension Systems

9/16" Standard: Interlude®, Silhouette® Bolt-Slot, Sonata™, Suprafine®, Trimlok® Screw-Slot

15/16" Standard: Prelude®

Physical Data

Material

3250, 3251, 3252, 3253, 3254, 3257, 3258, 3259, 3263, 3264 – Fiberglass with DuraBrite® acoustically transparent membrane
3354, 3355 – Fiberglass with DuraBrite acoustically transparent membrane; CAC backing

Surface Finish

DuraBrite with factory-applied acrylic 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.

Low Formaldehyde

Low formaldehyde – contributing less than 13.5 ppb in typical conditions per ASHRAE Standard 62, "Ventilation for Acceptable Indoor Air Quality," California Code Title 24, and other building types in CHPS Section 01350.

Anti Mold/Mildew & Bacteria

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

Insulation Value

3250, 3251, 3252, 3257, 3258, 3259, 3354, 3355, 3263, 3264 –
R Factor – 4.0 (BTU units)
R Factor – 0.70 (Watts units)
3253, 3254 –
R Factor – 6.0 (BTU units)
R Factor – 1.05 (Watts units)

Backloading Recommendation

Contact TechLine for specific details

30-Year Performance Guarantee & Warranty Information

See warranty details at armstrong.com/warranty

Application Considerations

Products with CAC backing are not recyclable.

1' x 2' products are not intended for a full ceiling installation and are not UL Classified for acoustics.

Weight; Square Feet/Carton

3250, 3251, 3252, 3257 – 0.55 lbs/SF; 96 SF/ctn
3253, 3254 – 0.78 lbs/SF; 64 SF/ctn
3258, 3259 – 0.53 lbs/SF; 75 SF/ctn
3263, 3264 – 0.55 lbs/SF; 48 SF/ctn
3354, 3355 – 0.57 lbs/SF; 96 SF/ctn

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armstrong.com/ceilings (search: optima)

CS-3049-509

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