

OPTIMA®

Tegular
fine texture

Items with
Breakthrough
Plant-based
Binder have a
PB Suffix



Optima® Tegular 24" x 24" panels with Sonata® 9/16" suspension system (Pg. 289)



See more photos at:
armstrong.com/photogallery
SEARCH: optima

Smooth-textured panels provide excellent acoustical absorption and the most standard sizes of any Armstrong product.

KEY SELECTION ATTRIBUTES

- Outstanding acoustical performance for open plan areas, both Articulation Class (180-200) and NRC (0.90-1.00)
- Smooth, clean, durable finish – Washable, Impact-resistant, Scratch-resistant, Soil-resistant
- Energy-saving high light-reflective finish
- Non-directional visual reduces scrap and installation time
- Items with PB suffix are manufactured with a plant-based binder
- Sag-resistant large-size panels
- Compatible with TechZone® Ceiling Systems (Pgs. 251-257)
- 30-Year Limited System Warranty against visible sag, mold, and mildew

TYPICAL APPLICATIONS

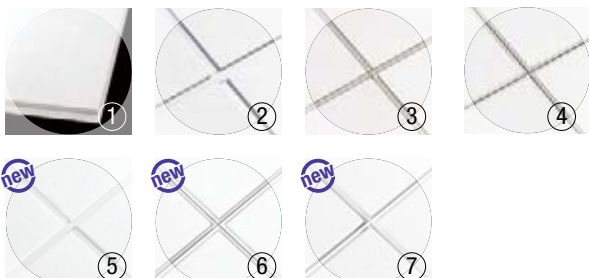
- Open plan offices
- Computer rooms
- Corridors (walls-to-deck)
- Auditoriums
- Waiting rooms/nurses' stations – assists in addressing HIPAA and FGI acoustical requirements
- Areas with indirect lighting systems

COLOR



White

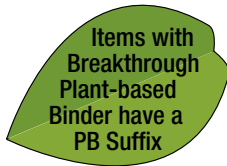
DETAILS (Other Suspension Systems compatible. Refer to listing on page 214.)



1. Optima Square Tegular
2. Optima Tegular with Prelude® 15/16" suspension system
3. Optima Tegular with Interlude® XL® HRC 9/16" suspension system
4. Optima Tegular with Silhouette® 9/16" suspension system with 1/8" reveal
5. Suprafine ML, XL, and XL HRC with Blizzard White finish
6. Silhouette XL 1/4" and 1/8" Reveal with Blizzard White finish
7. Interlude XL HRC with Blizzard White finish

OPTIMA®

Tegular
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UP TO **71%** RECYCLED CONTENT

LEED®

- energy management
- construction waste mgmt
- regional materials
- design for flexibility
- EPD
- recyclable/extended producer resp.
- biobased materials
- recycled content
- sourcing of raw materials
- material ingredient reporting
- low emitting materials
- lighting quality
- acoustics

Calculate LEED contribution at armstrong.com/greengenie

VISUAL SELECTION

Edge Profile	Susp. Dwg. Pgs. 295-299	Item No.	Dimensions (Inches)
OPTIMA® Tegular		1402	6 x 48 x 1"
		1406	6 x 60 x 1"
		3264	12 x 24 x 1"
		3278	20 x 60 x 1"
		3250 3250PB	24 x 24 x 1"
		3354	24 x 24 x 1"
		3253	24 x 24 x 1-1/2"
		3252 3252PB	24 x 48 x 1"
		3281	24 x 72 x 1"
		3282	24 x 96 x 1"
		3258	30 x 30 x 1"
		3286	30 x 60 x 1"
		3255 3255PB	48 x 48 x 1"
		FS FastSize™ Panels	W: 4" - 48" / L: 4" - 120" 1" Thick
		Other Size Panels	W: 4" - 36" / L: 4" - 120" W: 4" - 42" / L: 4" - 102" W: 4" - 48" / L: 4" - 90" 1-1/2" Thick
9/16" Square Tegular		1410	4 x 48 x 1"
		1411	4 x 60 x 1"
		1412	6 x 6 x 1"

PERFORMANCE SELECTION

Dots represent high level of performance.

UL Classified Acoustics		Total Acoustics ¹	Articulation Class	Fire Rating	Light Reflect	Anti-Mold & Mildew	Sag Resist	Certified Low VOC Emissions	Wash	Impact	Scratch	Soil	Recycled Content	Recycle Program	30-Yr Warranty
NRC	+ CAC =					Inherent	Humi-Guard+		Durability						
N/A	N/A	-	180 Class A	0.90	•	•	•	•	•	•	•	•	•	•	•
N/A	N/A	-	180 Class A	0.90	•	•	•	•	•	•	•	•	•	•	•
0.95	N/A	-	190 Class A	0.90	•	•	•	•	•	•	•	•	•	•	•
0.95	N/A	-	190 Class A	0.90	•	•	•	•	•	•	•	•	•	•	•
0.95	N/A	-	190 Class A	0.90	•	•	•	•	•	•	•	•	•	•	•
0.90	26	-	200 Class A	0.90	•	•	•	•	•	•	•	•	•	•	•
1.00	N/A	-	200 Class A	0.90	•	•	•	•	•	•	•	•	•	•	•
0.95	N/A	-	190 Class A	0.90	•	•	•	•	•	•	•	•	•	•	•
0.95	N/A	-	190 Class A	0.90	•	•	•	•	•	•	•	•	•	•	•
0.95	N/A	-	190 Class A	0.90	•	•	•	•	•	•	•	•	•	•	•
0.95	N/A	-	190 Class A	0.90	•	•	•	•	•	•	•	•	•	•	•
0.95	N/A	-	190 Class A	0.90	•	•	•	•	•	•	•	•	•	•	•
0.95	N/A	-	190 Class A	0.90	•	•	•	•	•	•	•	•	•	•	•
0.95	N/A	-	190 Class A	0.90	•	•	•	•	•	•	•	•	•	•	•
N/A	N/A	-	N/A	0.90	•	•	•	•	•	•	•	•	•	•	•
N/A	N/A	-	N/A	0.90	•	•	•	•	•	•	•	•	•	•	•
N/A	N/A	-	180 Class A	0.90	•	•	•	•	•	•	•	•	•	•	•
N/A	N/A	-	180 Class A	0.90	•	•	•	•	•	•	•	•	•	•	•
N/A	N/A	-	180 Class A	0.90	•	•	•	•	•	•	•	•	•	•	•

¹ Total Acoustics™ ceiling panels have an ideal combination of noise reduction and sound-blocking performance in one product. **FS FastSize:** Factory-finished, made-to-order sizes, shipped fast (1 carton min.)

PHYSICAL DATA

Material
3316, 3317, 3354, 3355 – Fiberglass with DuraBrite® acoustically transparent membrane; CAC backing
All other items – Fiberglass with DuraBrite acoustically transparent membrane

Surface Finish
DuraBrite scrim 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 tiles maintain superior sag resistance. Recommended for areas subject to high humidity, up to, but not including, standing water and outdoor applications.

Anti Mold/Mildew
Fiberglass panels inherently inhibit the growth of mold and mildew.

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 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.

Acoustical Details
Some items have CAC backing. CAC backing may be available as a special order. A CAC value of 37 can be achieved by backloading fiberglass products with Item 769 or 770.

Insulation Value
3253 –
R Factor – 6.0 (BTU units)
R Factor – 1.05 (Watts units)
3281, 3282 –
R Factor – 3.0 (BTU units)
R Factor – 0.53 (Watts units)

All other items –
R Factor – 4.0 (BTU units)
R Factor – 0.70 (Watts units)

30-Year Performance Guarantee & Warranty
When installed with Armstrong® Suspension System. Details at armstrong.com/warranty

Weight; Square Feet/Carton
1402 – 0.55 lbs/SF; 24 SF/ctn
1406 – 0.55 lbs/SF; 30 SF/ctn
3250, 3250PB, 3251, 3251PB,
3252, 3252PB, 3282 – 0.55 lbs/SF; 96 SF/ctn
1410 – 0.55 lbs/SF; 16 SF/ctn
1411 – 0.55 lbs/SF; 20 SF/ctn
1412 – 0.55 lbs/SF; 6 SF/ctn
3264 – 0.55 lbs/SF; 48 SF/ctn
3253 – 0.78 lbs/SF; 64 SF/ctn
3255, 3255PB – 0.55 lbs/SF; 128 SF/ctn
3258 – 0.55 lbs/SF; 75 SF/ctn
3278, 3286 – 0.55 lbs/SF; 100 SF/ctn
3282 – 0.55 lbs/SF; 96 SF/ctn
3281 – 0.55 lbs/SF; 72 SF/ctn
3354 – 0.57 lbs/SF; 96 SF/ctn

Minimum Order Quantity
1 carton

Metric Items Available
3250M, 3252M, 3253M, 3354M – Metric items are subject to extended lead times and minimum quantities. Contact your representative for more details.



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UP TO **71%** RECYCLED CONTENT

Calculate LEED contribution at armstrong.com/greengenie

LEED®

- energy management
- construction waste mgmt
- regional materials
- design for flexibility
- EPD
- recyclable/extended producer resp.
- biobased materials
- recycled content
- sourcing of raw materials
- material ingredient reporting
- low emitting materials
- lighting quality
- acoustics

LOCATION DEPENDENT PB ONLY PB ONLY PB ONLY

VISUAL SELECTION

Edge Profile	Susp. Dwg. Pgs. 295-299 armstrong.com/catdws	Item No.	Dimensions (Inches)	
OPTIMA® Tegular				
9/16" Square Tegular	26, 43, 47, 51, 55, 59	1413	6 x 12 x 1"	
	26, 43, 47, 51, 55, 59	1415	6 x 42 x 1"	
	26, 43, 47, 51, 55, 59	1403	6 x 48 x 1"	
	26, 43, 47, 51, 55, 59	1417	6 x 54 x 1"	
	26, 43, 47, 51, 55, 59	1407	6 x 60 x 1"	
	26, 43, 47, 51, 55, 59	1409	6 x 96 x 1"	
	26, 43, 47, 51, 55, 59	3263	12 x 24 x 1"	
	26, 43, 47, 51, 55, 59	3290	12 x 48 x 1"	
	26, 43, 47, 51, 55, 59	1414	12 x 96 x 1"	
	26, 43, 47, 51, 55, 59	3276	20 x 54 x 1"	
	26, 43, 47, 51, 55, 59	3266	20 x 56 x 1"	
	26, 43, 47, 51, 55, 59	3277	20 x 60 x 1"	
	26, 43, 47, 51, 55, 59	3279	21 x 24 x 1"	
	26, 43, 47, 51, 55, 59	3251 3251PB	24 x 24 x 1"	
	26, 43, 47, 51, 55, 59	3355	24 x 24 x 1"	
	26, 43, 47, 51, 55, 59	3254	24 x 24 x 1-1/2"	
	26, 43, 47, 51, 55, 59	3280	24 x 42 x 1"	
	26, 43, 47, 51, 55, 59	3257 3257PB	24 x 48 x 1"	
	26, 43, 47, 51, 55, 59	3265 3265PB	24 x 60 x 1"	
	26, 43, 47, 51, 55, 59	3261 3261PB	24 x 72 x 1"	
	26, 43, 47, 51, 55, 59	3262 3262PB	24 x 96 x 1"	
	26, 43, 47, 51, 55, 59	3283	27 x 30 x 1"	
	26, 43, 47, 51, 55, 59	3268	28 x 30 x 1"	
	26, 43, 47, 51, 55, 59	3269	28 x 60 x 1"	
	26, 43, 47, 51, 55, 59	3259	30 x 30 x 1"	

PERFORMANCE SELECTION

Dots represent high level of performance.

UL Classified Acoustics		Total Acoustics ¹	Articulation Class	Fire Rating	Light Reflect	Anti-Mold & Mildew	Stain Resist	Certified Low VOC Emissions	Wash	Impact	Scratch	Soil	Recycled Content	Recycle Program	30-Yr Warranty
NRC	CAC					Inherent	Humi-Guard+		Durability						
N/A	N/A	-	180 Class A	0.90	•	•	-	•	•	•	•	•	•	•	•
N/A	N/A	-	180 Class A	0.90	•	•	-	•	•	•	•	•	•	•	•
N/A	N/A	-	180 Class A	0.90	•	•	-	•	•	•	•	•	•	•	•
N/A	N/A	-	180 Class A	0.90	•	•	-	•	•	•	•	•	•	•	•
N/A	N/A	-	180 Class A	0.90	•	•	-	•	•	•	•	•	•	•	•
0.95	N/A	-	190 Class A	0.90	•	•	-	•	•	•	•	•	•	•	•
0.95	N/A	-	190 Class A	0.90	•	•	-	•	•	•	•	•	•	•	•
0.90	N/A	-	180 Class A	0.90	•	•	-	•	•	•	•	•	•	•	•
0.95	N/A	-	190 Class A	0.90	•	•	-	•	•	•	•	•	•	•	•
N/A	N/A	-	190 Class A	0.90	•	•	-	•	•	•	•	•	•	•	•
N/A	N/A	-	190 Class A	0.90	•	•	-	•	•	•	•	•	•	•	•
N/A	N/A	-	190 Class A	0.90	•	•	-	•	•	•	•	•	•	•	•
0.95	N/A	-	190 Class A	0.90	•	•	-	•	•	•	•	•	•	•	•
0.90	26*	-	200 Class A	0.90	•	•	-	•	•	•	•	•	•	-	•
1.00	N/A	-	200 Class A	0.90	•	•	-	•	•	•	•	•	•	•	•
0.95	N/A	-	190 Class A	0.90	•	•	-	•	•	•	•	•	•	•	•
0.95	N/A	-	190 Class A	0.90	•	•	-	•	•	•	•	•	•	•	•
0.95	N/A	-	190 Class A	0.90	•	•	-	•	•	•	•	•	•	•	•
0.95	N/A	-	190 Class A	0.90	•	•	-	•	•	•	•	•	•	•	•
0.95	N/A	-	190 Class A	0.90	•	•	-	•	•	•	•	•	•	•	•
0.95	N/A	-	190 Class A	0.90	•	•	-	•	•	•	•	•	•	•	•
0.95	N/A	-	190 Class A	0.90	•	•	-	•	•	•	•	•	•	•	•

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



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UP TO 71% RECYCLED CONTENT

Calculate LEED contribution at armstrong.com/greengenie

LEED®

energy management, construction waste to reuse, regional materials, design for flexibility, EPD, recyclable/extended producer resp., bio-based materials, recycled content, sourcing of raw materials, material ingredient reporting, low emitting materials, lighting quality, acoustics

LOCATION DEPENDENT, PB ONLY, PB ONLY, PB ONLY

VISUAL SELECTION

PERFORMANCE SELECTION

Dots represent high level of performance.

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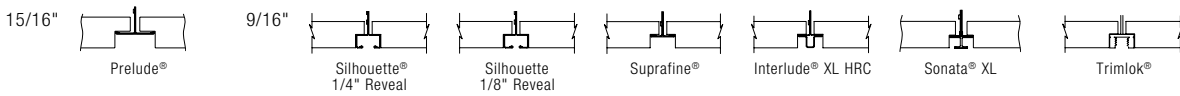
Edge Profile	Susp. Dwg. Pgs. 295-299 armstrong.com/catdwgs	Item No.	Dimensions (Inches)
OPTIMA® Tegular			
	26, 43, 47, 51, 55, 59	3284	30 x 54 x 1"
	26, 43, 47, 51, 55, 59	3289	30 x 56 x 1"
	26, 43, 47, 51, 55, 59	3285	30 x 60 x 1"
	26, 43, 47, 51, 55, 59	3287	42 x 48 x 1"
	26, 43, 47, 51, 55, 59	3288	44 x 48 x 1"
	26, 43, 47, 51, 55, 59	3256 3256PB	48 x 48 x 1"
	26, 43, 47, 51, 55, 59	3249	48 x 54 x 1"
	26, 43, 47, 51, 55, 59	3273	56 x 30 x 1"
	26, 43, 47, 51, 55, 59	FS FastSize™ Panels	W: 4" – 48" / L: 4" – 120" 1" Thick
	26, 43, 47, 51, 55, 59	Other Size Panels	W: 4" – 36" / L: 4" – 120" W: 4" – 42" / L: 4" – 102" W: 4" – 48" / L: 4" – 90" 1-1/2" Thick

UL Classified Acoustics	Total Acoustics ¹	Articulation Class	Fire Rating	Light Reflect	Anti-Mold & Mildew	Sag Resist	Certified Low VOC Emissions	Wash	Impact	Scratch	Soil	Recycled Content	Recycle Program	30-Yr Warranty
NRC + CAC =	NRC + CAC	AC	Fire Rating	Light Reflect	Inherent	Humi-Guard+								
0.95	N/A	–	190 Class A	0.90	•	•	–	•	•	•	•	•	•	•
0.95	N/A	–	190 Class A	0.90	•	•	–	•	•	•	•	•	•	•
0.95	N/A	–	190 Class A	0.90	•	•	–	•	•	•	•	•	•	•
0.95	N/A	–	190 Class A	0.90	•	•	–	•	•	•	•	•	•	•
0.95	N/A	–	190 Class A	0.90	•	•	–	•	•	•	•	•	•	•
0.95	N/A	–	190 Class A	0.90	•	•	–	•	•	•	•	•	•	•
0.95	N/A	–	190 Class A	0.90	•	•	–	•	•	•	•	•	•	•
N/A	N/A	–	N/A	0.90	•	•	–	•	•	•	•	•	•	•
N/A	N/A	–	N/A	0.90	•	•	–	•	•	•	•	•	•	•

¹ Total Acoustics™ ceiling panels have an ideal combination of noise reduction and sound-blocking performance in one product. **FS FastSize:** Factory-finished, made-to-order sizes, shipped fast (1 carton min.)

SUSPENSION SYSTEMS

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



Blizzard White – Suspension System Finish

A color and texture coordinated suspension system to complement Optima ceiling panels for a monolithic look and feel. Available for: Prelude® XL® and XL® HRC, Suprafine ML, XL, and XL HRC, Silhouette® XL® 1/4" and 1/8" Reveal, Interlude® XL® HRC

ACCESSORIES (not included; ordered separately)

435		Stabilizer Clip (3/4" & 1") Recommended for panels 60" and greater in length NOTE: Panels 60" up to 96" – One clip near mid-point of each long edge. Panels 96" and over – Two clips at 1/3 points of each long edge.	7870		Spring Border Clip (For installations with the panel resting on the wall molding)
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PHYSICAL DATA

Material
3316, 3317, 3354, 3355 – Fiberglass with DuraBrite® acoustically transparent membrane; CAC backing
All other items – Fiberglass with DuraBrite acoustically transparent membrane

Surface Finish
DuraBrite scrim 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 tiles maintain superior sag resistance. Recommended for areas subject to high humidity, up to, but not including, standing water and outdoor applications.

Anti Mold/Mildew
Fiberglass panels inherently inhibit the growth of mold and mildew.

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 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.

Acoustical Details
Some items have CAC backing. CAC backing may be available as a special order. A CAC value of 37 can be achieved by backloading fiberglass products with item 769 or 770.

Insulation Value
3254 – R Factor – 6.0 (BTU units)
All other items – R Factor – 4.0 (BTU units)
R Factor – 1.05 (Watts units) R Factor – 0.70 (Watts units)

30-Year Performance Guarantee & Warranty
When installed with Armstrong® Suspension System. Details at armstrong.com/warranty

Weight; Square Feet/Carton
1403 – 0.55 lbs/SF; 24 SF/ctn
1407 – 0.55 lbs/SF; 30 SF/ctn
1409, 3249, 3251, 3251PB, 3257
3262, 3262PB – 0.55 lbs/SF; 96 SF/ctn
1413 – 0.55 lbs/SF; 12 SF/ctn
1414, 3263, 3290 – 0.55 lbs/SF; 48 SF/ctn
1415 – 0.55 lbs/SF; 21 SF/ctn
1417 – 0.55 lbs/SF; 27 SF/ctn
3254 – 0.78 lbs/SF; 64 SF/ctn
3256, 3256PB – 0.55 lbs/SF; 96 SF/ctn
3259, 3276 – 0.55 lbs/SF; 75 SF/ctn
3261 – 0.55 lbs/SF; 72 SF/ctn
3265, 3277, 3285, 3286 – 0.55 lbs/SF; 100 SF/ctn
3266 – 0.55 lbs/SF; 62.22 SF/ctn
3268 – 0.55 lbs/SF; 70 SF/ctn
3269 – 0.55 lbs/SF; 93.33 SF/ctn
3273 – 0.55 lbs/SF; 93 SF/ctn
3279, 3280 – 0.55 lbs/SF; 84 SF/ctn
3283 – 0.55 lbs/SF; 67.5 SF/ctn
3284 – 0.55 lbs/SF; 90 SF/ctn
3287 – 0.55 lbs/SF; 112 SF/ctn
3288 – 0.55 lbs/SF; 117.33 SF/ctn
3355 – 0.57 lbs/SF; 96 SF/ctn
3289 – 0.40 lbs/SF; 93.33 SF/ctn

Minimum Order Quantity
1 carton

Metric Items Available
3251M, 3254M, 3256M, 3257M, 3355M – Metric items are subject to extended lead times and minimum quantities. Contact your representative for more details.

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