

**OPTIMA®**  
**OPTIMA®**  
 with Plant-based Binder  
 Tegular  
 fine texture



**DESIGNFlex™**  
 CEILING SYSTEMS

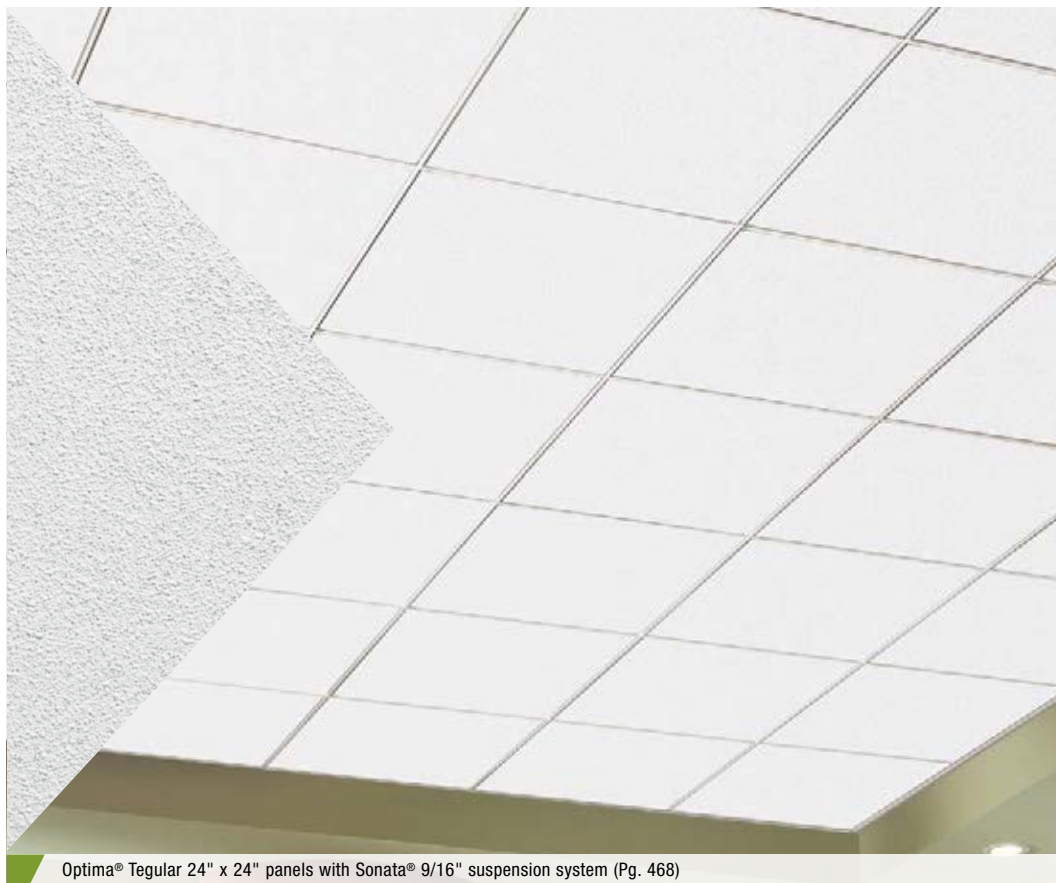


See Optima® Shapes Page 144-147

**Personalize Your Design!**

Mix and match different sizes, shapes, and materials to reinvent your ceiling. More at:

[armstrongceilings.com/designflex](http://armstrongceilings.com/designflex)



Optima® Tegular 24" x 24" panels with Sonata® 9/16" suspension system (Pg. 468)



plus capabilities  
 to do more



See more photos at:  
[armstrongceilings.com/photogallery](http://armstrongceilings.com/photogallery)  
 SEARCH: optima

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

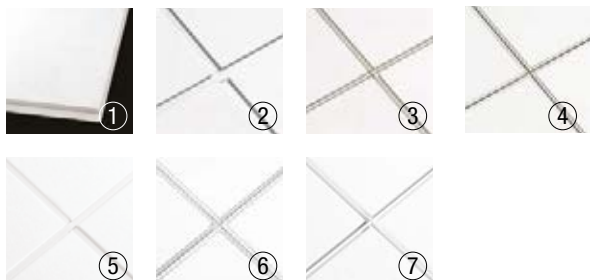
**KEY SELECTION ATTRIBUTES**

- new** • DESIGNFlex™ options include shapes and tailor-made sizes available to ship in 3 weeks
- Optima® PB panels are part of the Sustain® portfolio, and meet the most stringent sustainability compliance standards today
- Smooth, clean, durable finish – Washable, Impact-resistant, Scratch-resistant, Soil-resistant
- Items with PB suffix are manufactured with a plant-based binder
- Outstanding acoustical performance for open plan areas, both Articulation Class (180-200) and NRC (0.90-1.00)
- Energy-saving high light-reflective finish
- Non-directional visual reduces scrap and installation time
- Sag-resistant large-size panels
- Compatible with TechZone® Ceiling Systems
- 30-Year Limited System Warranty against visible sag, mold, and mildew
- Available with factory-cut holes for USAI® trimless downlight fixture integration. For details, refer to the Center Cut Panels for Recessed Downlighting data page.

**COLOR**



**DETAILS** (Other Suspension Systems compatible. Refer to listing on page 351.)



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®** *PB options now in Shapes!*  
**OPTIMA®**  
 with Plant-based Binder  
 Tegalur  
 fine texture

**GREENGUARD Gold Certified**  
 Formaldehyde-Free  
 (details below)

**Declare™**  
 Living Building Challenge Compliant  
 (PB Suffix Only)

**SUSTAIN®**  
 High Performance Sustainable Ceiling Systems  
 (PB Suffix Only)

UP TO **71%** RECYCLED CONTENT

Calculate LEED contribution at [armstrongceilings.com/greengenie](http://armstrongceilings.com/greengenie)

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

LOCATION DEPENDENT, PB ONLY, PB ONLY, PB ONLY

**VISUAL SELECTION**

Edge Profile	Susp. Dwg. Pgs. 474-478	Item No.	Dimensions (Inches)
<b>OPTIMA® Tegalur</b>			
15/16" Square Tegalur	8	<b>1402</b>	6 x 48 x 1"
	8	<b>1406</b>	6 x 60 x 1"
	8	<b>3264</b>	12 x 24 x 1"
	8	<b>3278</b>	20 x 60 x 1"
	8	<b>3250</b> <b>3250PB</b>	24 x 24 x 1"
	8	<b>3354</b>	24 x 24 x 1"
	8	<b>3253</b>	24 x 24 x 1-1/2"
	8	<b>3252</b> <b>3252PB</b>	24 x 48 x 1"
	8	<b>3281</b>	24 x 72 x 1"
	8	<b>3282</b>	24 x 96 x 1"
	8	<b>3258</b>	30 x 30 x 1"
	8	<b>3286</b>	30 x 60 x 1"
	8	<b>3255</b> <b>3255PB</b>	48 x 48 x 1"

**PERFORMANCE SELECTION** Dots represent high level of performance.

UL Classified Acoustics		Total Acoustics <sup>1</sup>	Articulation Class	Fire Performance	Light Reflect	Mold & Mildew Protection	Sag Resist	Certified Low VOC Emissions	Wash	Impact	Scratch	Soil	Recycled Content	Recycle Program	30-Yr Warranty
NRC	+ CAC =		AG			Bio-Block	Humi-Guard+								
N/A	N/A	-	N/A	Class A	0.88	•	•	-	•	•	•	•	•	•	•
N/A	N/A	-	N/A	Class A	0.88	•	•	-	•	•	•	•	•	•	•
0.95*	N/A	-	190	Class A	0.88	•	•	-	•	•	•	•	•	•	•
0.95*	N/A	-	190	Class A	0.88	•	•	-	•	•	•	•	•	•	•
0.95	N/A	-	190	Class A	0.88	•	•	-	•	•	•	•	•	•	•
0.90	26	-	200	Class A	0.88	•	•	-	•	•	•	•	•	-	•
1.00	N/A	-	200	Class A	0.88	•	•	-	•	•	•	•	•	•	•
0.95	N/A	-	190	Class A	0.88	•	•	-	•	•	•	•	•	•	•
0.95	N/A	-	190	Class A	0.88	•	•	-	•	•	•	•	•	•	•
0.95	N/A	-	190	Class A	0.88	•	•	-	•	•	•	•	•	•	•
0.95	N/A	-	190	Class A	0.88	•	•	-	•	•	•	•	•	•	•
0.95	N/A	-	190	Class A	0.88	•	•	-	•	•	•	•	•	•	•
0.95	N/A	-	190	Class A	0.88	•	•	-	•	•	•	•	•	•	•

<sup>1</sup> Total Acoustics® ceiling panels have an ideal combination of noise reduction and sound-blocking performance in one product.  
 Optima items with the PB suffix are included in the Sustain® portfolio and carry Declare™ certification.  
 \* These items are not UL classified.

**PHYSICAL DATA**

**Material**  
 3354 – 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 panels are recommended for areas subject to high humidity, up to, but not including, standing water and outdoor applications.

**Mold/Mildew Protection**  
 Ceiling panels with BioBlock® performance resist the growth of mold and mildew.

**VOC Emissions (PB suffix items only)**  
**GREENGUARD Gold Certified**  
 This product has been UL validated to be Formaldehyde-Free. UL.COM/ECV.  
 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 EPDs.

**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 [armstrongceilings.com](http://armstrongceilings.com)

**Weight; Square Feet/Carton**  
 1402 – 0.55 lbs/SF; 24 SF/ctn  
 1406 – 0.55 lbs/SF; 30 SF/ctn  
 3250 – 0.46 lbs/SF; 48 SF/ctn  
 3252 – 0.55 lbs/SF; 96 SF/ctn  
 3282 – 0.42 lbs/SF; 96 SF/ctn  
 3264 – 0.55 lbs/SF; 48 SF/ctn  
 3253 – 0.64 lbs/SF; 32 SF/ctn  
 3255 – 0.55 lbs/SF; 96 SF/ctn  
 3258 – 0.55 lbs/SF; 75 SF/ctn  
 3278, 3286 – 0.55 lbs/SF; 100 SF/ctn  
 3281 – 0.55 lbs/SF; 72 SF/ctn  
 3282 – 0.42 lbs/SF; 96 SF/ctn  
 3354 – 0.47 lbs/SF; 48 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.



FIBERGLASS

# OPTIMA® OPTIMA®

*PB options now  
in Shapes!*

with Plant-based Binder  
Tegular  
fine texture

**GREENGUARD**  
Gold Certified  
Formaldehyde-Free  
(details below)



**Declare**<sup>SM</sup>  
Living Building  
Challenge Compliant  
(PB Suffix Only)

**SUSTAIN**<sup>SM</sup>  
High Performance  
Sustainable  
Ceiling Systems  
(PB Suffix Only)

UP TO **71%**  
**LEED**<sup>®</sup>

**RECYCLED CONTENT**

Calculate LEED contribution at  
armstrongceilings.com/greengenie

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. 474-478 armstrongceilings.com/ catdwgs	Item No.	Dimensions (Inches)	
<b>OPTIMA® Tegular</b>				
9/16" Square Tegular	26, 43, 47, 51, 55	<b>1410</b>	4 x 48 x 1"	
	26, 43, 47, 51, 55	<b>1411</b>	4 x 60 x 1"	
	26, 43, 47, 51, 55	<b>1413</b>	6 x 12 x 1"	
	26, 43, 47, 51, 55	<b>1415</b>	6 x 42 x 1"	
	26, 43, 47, 51, 55	<b>1403</b>	6 x 48 x 1"	
	26, 43, 47, 51, 55	<b>1417</b>	6 x 54 x 1"	
	26, 43, 47, 51, 55	<b>1407</b>	6 x 60 x 1"	
	26, 43, 47, 51, 55	<b>1409</b>	6 x 96 x 1"	
	26, 43, 47, 51, 55	<b>3263</b>	12 x 24 x 1"	
	26, 43, 47, 51, 55	<b>3290</b>	12 x 48 x 1"	
	26, 43, 47, 51, 55	<b>1414</b>	12 x 96 x 1"	

## PERFORMANCE SELECTION

Dots represent high level of performance.

UL Classified Acoustics		Total Acoustics <sup>1</sup>		Articulation Class	Fire Performance	Light Reflect	Mold & Mildew Protection	Sag Resist	Certified Low VOC Emissions	Wash	Impact	Scratch	Soil	Recycled Content	Recycle Program	30-Yr Warranty
NRC	+ CAC	=	AC	Class	Class	0.88	Bio-Block	Humi-Guard+		Durability						
N/A	N/A	-	N/A	Class A	0.88	•	•	•	-	•	•	•	•	•	•	•
N/A	N/A	-	N/A	Class A	0.88	•	•	•	-	•	•	•	•	•	•	•
N/A	N/A	-	N/A	Class A	0.88	•	•	•	-	•	•	•	•	•	•	•
N/A	N/A	-	N/A	Class A	0.88	•	•	•	-	•	•	•	•	•	•	•
N/A	N/A	-	N/A	Class A	0.88	•	•	•	-	•	•	•	•	•	•	•
N/A	N/A	-	N/A	Class A	0.88	•	•	•	-	•	•	•	•	•	•	•
N/A	N/A	-	N/A	Class A	0.88	•	•	•	-	•	•	•	•	•	•	•
0.95	N/A	-	190	Class A	0.88	•	•	•	-	•	•	•	•	•	•	•
0.95	N/A	-	190	Class A	0.88	•	•	•	-	•	•	•	•	•	•	•
0.95	N/A	-	190	Class A	0.88	•	•	•	-	•	•	•	•	•	•	•

<sup>1</sup> Total Acoustics® ceiling panels have an ideal combination of noise reduction and sound-blocking performance in one product. Optima items with the PB suffix are included in the Sustain® portfolio and carry Declare™ certification.

FIBERGLASS

**OPTIMA®** *PB options now in Shapes!*  
**OPTIMA®**  
 with Plant-based Binder  
 Tegular  
 fine texture

**GREENGUARD Gold Certified**  
 Formaldehyde-Free  
 (details below)

**DECLARE™**  
 Living Building Challenge Compliant  
 (PB Suffix Only)

**SUSTAIN™**  
 High Performance Sustainable Ceiling Systems  
 (PB Suffix Only)

UP TO **71%** RECYCLED CONTENT

Calculate LEED contribution at [armstrongceilings.com/greengenie](http://armstrongceilings.com/greengenie)

**LEED** icons: energy management, construction waste mgmt, 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**

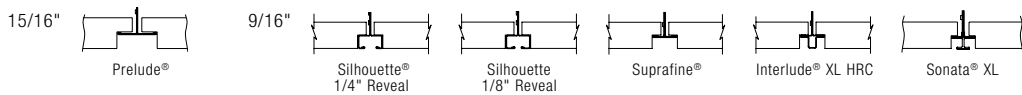
Edge Profile	Susp. Dwg. Pgs. 474-478 <a href="http://armstrongceilings.com/catdws">armstrongceilings.com/catdws</a>	Item No.	Dimensions (Inches)
<b>OPTIMA® Tegular</b>			
	26, 43, 47, 51, 55	<b>3276</b>	20 x 54 x 1"
	26, 43, 47, 51, 55	<b>3266</b>	20 x 56 x 1"
	26, 43, 47, 51, 55	<b>3277</b>	20 x 60 x 1"
	26, 43, 47, 51, 55	<b>3279</b>	21 x 24 x 1"
	26, 43, 47, 51, 55	<b>3251</b> <b>3251PB</b>	24 x 24 x 1"
	26, 43, 47, 51, 55	<b>3254</b>	24 x 24 x 1-1/2"

**PERFORMANCE SELECTION** Dots represent high level of performance.

UL Classified Acoustics		Total Acoustics <sup>1</sup>	Articulation Class	Fire Performance	Light Reflect	Mold & Mildew Protection	Sag Resist	Certified Low VOC Emissions	Wash	Impact	Scratch	Soil	Recycled Content	Recycle Program	30-Yr Warranty
NRC	CAC	NRC + CAC	AC	Class	Light	Bio-Block	Humi-Guard+	-	-	-	-	-	-	-	-
0.95	N/A	-	190	Class A	0.88	•	•	-	•	•	•	•	•	•	•
0.95	N/A	-	190	Class A	0.88	•	•	-	•	•	•	•	•	•	•
0.95	N/A	-	190	Class A	0.88	•	•	-	•	•	•	•	•	•	•
0.95	N/A	-	190	Class A	0.88	•	•	-	•	•	•	•	•	•	•
1.00	N/A	-	200	Class A	0.88	•	•	-	•	•	•	•	•	•	•

<sup>1</sup> Total Acoustics® ceiling panels have an ideal combination of noise reduction and sound-blocking performance in one product. Optima items with the PB suffix are included in the Sustain® portfolio and carry Declare™ certification.

**SUSPENSION SYSTEMS**



**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.

**PHYSICAL DATA**

**Material**  
 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 panels are recommended for areas subject to high humidity, up to, but not including, standing water and outdoor applications.

**Mold/Mildew Protection**  
 Ceiling panels with BioBlock® performance resist the growth of mold and mildew.

**VOC Emissions (PB suffix items only)**  
**GREENGUARD Gold Certified**  
 This product has been UL validated to be Formaldehyde-Free.  
**UL.COM/ECV.**  
 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 EPDs.

**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**  
 3254 – R Factor – 6.0 (BTU units)  
 R Factor – 1.05 (Watts units)

**30-Year Performance Guarantee & Warranty**  
 When installed with Armstrong® Suspension System. Details at [armstrongceilings.com](http://armstrongceilings.com)



**Weight; Square Feet/Carton**  
 1403 – 0.55 lbs/SF; 24 SF/ctn  
 1407 – 0.55 lbs/SF; 30 SF/ctn  
 1409 – 0.55 lbs/SF; 96 SF/ctn  
 1410 – 0.55 lbs/SF; 16 SF/ctn  
 1411 – 0.55 lbs/SF; 20 SF/ctn  
 1413 – 0.55 lbs/SF; 6 SF/ctn  
 1414, 3263, 3290 – 0.55 lbs/SF; 48 SF/ctn  
 1415 – 0.55 lbs/SF; 21 SF/ctn  
 3251 – 0.46 lbs/SF; 48 SF/ctn  
 1417 – 0.55 lbs/SF; 27 SF/ctn  
 1418 – 0.55 lbs/SF; 6 SF/ctn  
 3254 – 0.64 lbs/SF; 32.5 SF/ctn  
 3276 – 0.55 lbs/SF; 75 SF/ctn  
 3277 – 0.55 lbs/SF; 100 SF/ctn  
 3266 – 0.55 lbs/SF; 62.22 SF/ctn  
 3279 – 0.45 lbs/SF; 42 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.

FIBERGLASS

# OPTIMA® OPTIMA®

*PB options now  
in Shapes!*

with Plant-based Binder  
Tegular  
fine texture

## VISUAL SELECTION

Edge Profile	Susp. Dwg. Pgs. 474-478 armstrongceilings.com/ catdws	Item No.	Dimensions (Inches)
9/16" Square Tegular	26, 43, 47, 51, 55	<b>3355</b>	24 x 24 x 1" □
	26, 43, 47, 51, 55	<b>3257</b> <b>3257PB</b>	24 x 48 x 1" □
	26, 43, 47, 51, 55	<b>3265</b> <b>3265PB</b>	24 x 60 x 1" □
	26, 43, 47, 51, 55	<b>3261</b> <b>3261PB</b>	24 x 72 x 1" □
	26, 43, 47, 51, 55	<b>3262</b> <b>3262PB</b>	24 x 96 x 1" □
	26, 43, 47, 51, 55	<b>3283</b>	27 x 30 x 1" □
	26, 43, 47, 51, 55	<b>3268</b>	28 x 30 x 1" □
	26, 43, 47, 51, 55	<b>3269</b>	28 x 60 x 1" □
	26, 43, 47, 51, 55	<b>3259</b>	30 x 30 x 1" □
	26, 43, 47, 51, 55	<b>3284</b>	30 x 54 x 1" □
	26, 43, 47, 51, 55	<b>3289</b>	30 x 56 x 1" □
	26, 43, 47, 51, 55	<b>3285</b>	30 x 60 x 1" □
	26, 43, 47, 51, 55	<b>3287</b>	42 x 48 x 1" □
	26, 43, 47, 51, 55	<b>3288</b>	44 x 48 x 1" □
	26, 43, 47, 51, 55	<b>3256</b> <b>3256PB</b>	48 x 48 x 1" □
	26, 43, 47, 51, 55	<b>3249</b>	48 x 54 x 1" □

**GREENGUARD**  
Gold Certified  
Formaldehyde-Free  
(details below)



**Declare**<sup>SM</sup>  
Living Building  
Challenge Compliant  
(PB Suffix Only)

**SUSTAIN**<sup>SM</sup>  
High Performance  
Sustainable  
Ceiling Systems  
(PB Suffix Only)

UP TO **71%** RECYCLED CONTENT

**LEED** energy management construction waste mgmt regional materials design for flexibility EPD

Calculate LEED contribution at  
armstrongceilings.com/greengenie

LOCATION DEPENDENT PB ONLY PB ONLY PB ONLY

## PERFORMANCE SELECTION

Dots represent high level of performance.



UL Classified Acoustics			Total Acoustics <sup>1</sup>	Articulation Class	Fire Performance	Light Reflect	Mold & Mildew Protection	Sag Resist	Certified Low VOC Emissions	Wash	Impact	Scratch	Soil	Recycled Content	Recycle Program	30-Yr Warranty
NRC	+ CAC	=	NRC + CAC	AC	Fire	Light	Bio-Block	Humi-Guard+	VOC	Wash	Impact	Scratch	Soil	Recycled Content	Recycle Program	30-Yr Warranty
0.90	26	-	200	Class A	0.88	•	•	•	-	•	•	•	•	•	•	•
0.95	N/A	-	190	Class A	0.88	•	•	•	-	•	•	•	•	•	•	•
0.95	N/A	-	190	Class A	0.88	•	•	•	-	•	•	•	•	•	•	•
0.95	N/A	-	190	Class A	0.88	•	•	•	-	•	•	•	•	•	•	•
0.95	N/A	-	190	Class A	0.88	•	•	•	-	•	•	•	•	•	•	•
0.95	N/A	-	190	Class A	0.88	•	•	•	-	•	•	•	•	•	•	•
0.95	N/A	-	190	Class A	0.88	•	•	•	-	•	•	•	•	•	•	•
0.95	N/A	-	190	Class A	0.88	•	•	•	-	•	•	•	•	•	•	•
0.95	N/A	-	190	Class A	0.88	•	•	•	-	•	•	•	•	•	•	•
0.95	N/A	-	190	Class A	0.88	•	•	•	-	•	•	•	•	•	•	•
0.95	N/A	-	190	Class A	0.88	•	•	•	-	•	•	•	•	•	•	•
0.95	N/A	-	190	Class A	0.88	•	•	•	-	•	•	•	•	•	•	•
0.95	N/A	-	190	Class A	0.88	•	•	•	-	•	•	•	•	•	•	•
0.95	N/A	-	190	Class A	0.88	•	•	•	-	•	•	•	•	•	•	•

<sup>1</sup> Total Acoustics® ceiling panels have an ideal combination of noise reduction and sound-blocking performance in one product. Optima items with the PB suffix are included in the Sustain® portfolio and carry Declare™ certification.

\* These items are not UL classified.



FIBERGLASS

**OPTIMA®** *PB options now in Shapes!*  
**OPTIMA®**  
 with Plant-based Binder  
 Tegular  
 fine texture

**GREENGUARD Gold Certified**  
 Formaldehyde-Free  
 (details below)

**Declare™**  
 Living Building Challenge Compliant  
 (PB Suffix Only)

**SUSTAIN™**  
 High Performance Sustainable Ceiling Systems  
 (PB Suffix Only)

**UP TO 71% RECYCLED CONTENT**

Calculate LEED contribution at [armstrongceilings.com/greengenie](http://armstrongceilings.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**

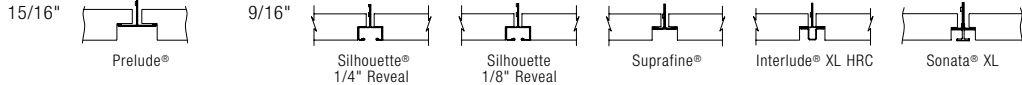
Edge Profile	Dimensions (Inches)
<b>OPTIMA® Size Capabilities</b>	<b>Width      Length</b>
15/16" & 9/16" Square Tegular <b>1 CTN MIN Made-to-Order Sizes (3 Wks)</b>	<b>Non-PB 1" Thick</b>
	4" – 6"      9" – 96"
	6-1/2" – 48"      4" – 120"
	<b>PB 1" Thick</b>
	4" – 6"      9" – 72"
	6-1/2" – 24"      4" – 96"
	24-1/2" – 30"      4" – 60"
	30-1/2" – 48"      4" – 48"
15/16" & 9/16" Square Tegular <b>1 CTN MIN Made-to-Order Sizes (3 Wks)</b>	<b>Non-PB 1-1/2" Thick</b>
	4" – 6"      9" – 96"
	6-1/2" – 36"      4" – 120"
	36-1/2" – 42"      4" – 102"
	42-1/2" – 48"      4" – 90"

**PERFORMANCE SELECTION** Dots represent high level of performance.

UL Classified Acoustics	Total Acoustics <sup>1</sup>	Articulation Class	Fire Performance	Light Reflect	Mold & Mildew Protection	Sag Resist	Certified Low VOC Emissions	Wash	Impact	Scratch	Soil	Recycled Content	Recycle Program	30-Yr Warranty
NRC + CAC =	NRC + CAC	AC	Class	Light	Bio-Block	Humi-Guard+	VOC	Durability						
N/A    N/A    =	-	N/A	Class A	0.88	•	•	-	•	•	•	•	•	•	•
N/A    N/A    =	-	N/A	Class A	0.88	•	•	-	•	•	•	•	•	•	•
N/A    N/A    =	-	N/A	Class A	0.88	•	•	-	•	•	•	•	•	•	•

<sup>1</sup> Total Acoustics® ceiling panels have an ideal combination of noise reduction and sound-blocking performance in one product. Optima items with the PB suffix are included in the Sustain® portfolio and carry Declare™ certification.

**SUSPENSION SYSTEMS**



**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.

**PHYSICAL DATA**

**Material**  
 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 panels are recommended for areas subject to high humidity, up to, but not including, standing water and outdoor applications.

**Mold/Mildew Protection**  
 Ceiling panels with BioBlock® performance resist the growth of mold and mildew.

**VOC Emissions (PB suffix items only)**  
**GREENGUARD Gold Certified**  
 This product has been UL validated to be Formaldehyde-Free. **UL.COM/ECV.**  
 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 EPDs.

**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**  
 3254 – R Factor – 6.0 (BTU units)  
 R Factor – 1.05 (Watts units)



**30-Year Performance Guarantee & Warranty**  
 When installed with Armstrong® Suspension System. Details at [armstrongceilings.com](http://armstrongceilings.com)

**Weight; Square Feet/Carton**  
 3283 – 0.55 lbs/SF; 57.5 SF/ctn  
 3249, 3256, 3257, 3262 – 0.55 lbs/SF; 96 SF/ctn  
 3259 – 0.64 lbs/SF; 75 SF/ctn  
 3261 – 0.55 lbs/SF; 72 SF/ctn  
 3265, 3285 – 0.55 lbs/SF; 100 SF/ctn  
 3268 – 0.55 lbs/SF; 70 SF/ctn  
 3269 – 0.55 lbs/SF; 93.33 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 – 0.47 lbs/SF; 48 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.



FIBERGLASS