

CALLA®

Square Lay-in & Tegular
smooth texture



**TOTAL
ACOUSTICS®**
Sound Absorption (NRC)
+ Sound Blocking (CAC)



SUSTAIN®
High Performance
Sustainable
Ceiling Systems



DESIGNFlex™
A New World of Choice
for Ceiling Systems

DESIGNFlex™
CEILING SYSTEMS



SHAPES



SIZES

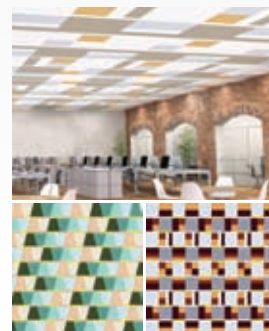


COLOR

See Calla® Shapes

Personalize Your Design!

Mix and match different sizes, shapes, colors and materials to reinvent your ceiling. More at:
armstrongceilings.com/designflex



plus capabilities

to do more



armstrongceilings.com/capabilities
See more photos at:
armstrongceilings.com/photogallery



Calla® Square Tegular panels with Suprafine® 9/16" suspension system (Pgs. 400-401)

The smoothest finish mineral fiber ceiling available with Total Acoustics® performance – excellent noise reduction and sound blocking in one product.

KEY SELECTION ATTRIBUTES

- DesignFlex™ options include shapes, tailor-made sizes, and colors available to ship in 3 weeks
- Get total noise control and floor plan versatility with Total Acoustics® ceiling panels: NRC + CAC = Total Acoustics Performance
- Calla® panels are part of the Sustain® portfolio and meet the most stringent sustainability compliance standards today
- Excellent combination of acoustical performance; NRC (0.85), and CAC (35)
- USDA-Certified Biobased Product – 59%
- Washable, Impact-resistant, Scratch-resistant, Soil-resistant
- Product can be recycled through the Armstrong Ceilings Recycling Program
- Compatible with the TechZone® Ceiling Systems
- 30-Year Limited System Warranty against visible sag, mold, and mildew
- 10-Year replacement panel available for item 2824



TYPICAL APPLICATIONS

- Offices – closed spaces for privacy and focus; open spaces for focus, collaboration, and teaming
- Healthcare – assists in addressing HIPAA, HCAHPS, and FGI acoustical requirements
- Classrooms
- Corridors
- Lobbies/reception areas
- Department stores/retail

COLOR



White
(WH)



Black
(BK)



Available in
any color!

DETAILS (Other Suspension Systems compatible. Refer to listing on page 222.)



1



2



3

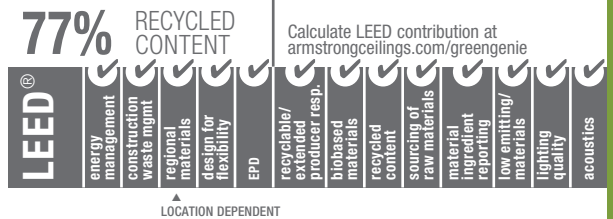
1. Calla® Square Tegular
2. Calla® Square Lay-in
3. Calla® Square Tegular with Suprafine® 9/16" suspension system

CALLA® *Now in Shapes!*

Square Lay-in & Tegal smooth texture

DeclareSM
Living Building
Challenge Compliant

SUSTAINSM
High Performance
Sustainable
Ceiling Systems



VISUAL SELECTION

Edge Profile	Susp. Dwg. Pgs. 407-411 armstrongceilings.com/catdwgs	Item No.	Dimensions (Inches)
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CALLA® Square Lay-in

15/16" Square Lay-in	1	2820	24 x 24 x 1"
	1	new 2820BK	24 x 24 x 1"
	1	2821	24 x 48 x 1"
	1	new 2854	30 x 30 x 1"
	1	new 2857	24 x 60 x 1"
	1	new 2864	24 x 72 x 1"

Size Capabilities	Width	Length
15/16" Square Lay-in	1" Thick	
1 CTN MIN Made-to-Order Sizes & Colors (3 Wks)	4" – 5-1/2"	12" – 60"
	6" – 11-1/2"	6" – 60"
	12" – 24-1/2"	4" – 60"
	25" – 30-1/2"	4" – 30"
	31" – 35-1/2"	4" – 29"
	36" – 48"	4" – 24"

PERFORMANCE SELECTION

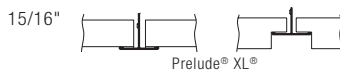
Dots represent high level of performance.

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UL Classified Acoustics	Total Acoustics ¹	Articulation Class	Fire Performance	Light Reflect (White Only)	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	Mold & Mildew	Sag	Certified	Wash	Impact	Scratch	Soil	Recycled	Recycle	30-Yr
0.85 • 35	BEST 170 •	Class A	0.86 •	•	•	•	•	•	•	•	•	•	•	•
0.85 • 35	BEST 170 •	Class A	N/A •	•	•	•	•	•	•	•	•	•	•	•
0.85 • 35	BEST 170 •	Class A	0.86 •	•	•	•	•	•	•	•	•	•	•	•
0.85 • 35	BEST 170 •	Class A	0.86 •	•	•	•	•	•	•	•	•	•	•	•
0.85 • 35	BEST 170 •	Class A	0.86 •	•	•	•	•	•	•	•	•	•	•	•
N/A • N/A	–	170 •	Class A	0.86 •	•	•	•	•	•	•	•	•	•	•

¹ Total Acoustics® ceiling panels have an ideal combination of noise reduction and sound-blocking performance in one product.
GOOD (NRC 0.60-0.65; CAC 35+) **BETTER** (NRC 0.70-0.75; CAC 35+) **BEST** (NRC 0.80+; CAC 35+)

SUSPENSION SYSTEMS



PHYSICAL DATA

Material
Wet-formed mineral fiber with acoustically transparent membrane

Surface Finish
Acoustically transparent membrane 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 IV, 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
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.

Acoustical Performance
CAC testing conducted using Prelude® XL® suspension system for 15/16" edge detail and Silhouette® suspension system for 9/16" edge detail. NRC test conducted using white panels. Painted panels may experience a slight reduction in NRC due to the color painting process.

High Recycled Content
Classified as containing 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 – 2.9 (BTU units)
R Factor – 0.445 (Watts units)

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

Weight; Square Feet/Carton
2820, 2820BK – 1.0 lbs/SF; 40 SF/ctn
2821 – 1.0 lbs/SF; 48 SF/ctn
2854 – 1.0 lbs/SF; 50 SF/ctn
2857 – 1.0 lbs/SF; 80 SF/ctn
2864 – 1.0 lbs/SF; 72 SF/ctn

Minimum Order Quantity
1 carton

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Living Building
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SUSTAIN[®]
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77% RECYCLED
CONTENT

Calculate LEED contribution at
armstrongceilings.com/greengenie

LOCATION DEPENDENT

VISUAL SELECTION

PERFORMANCE SELECTION

Dots represent high level of performance.

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Edge Profile Susp. Dwg. Pgs. 407-411 Item No. Dimensions (Inches)

CALLA® Tegal

15/16" Square Tegal	8	2822	24 x 24 x 1"	<input type="checkbox"/>
	8	new 2822BK	24 x 24 x 1"	<input type="checkbox"/>
	8	2823	24 x 48 x 1"	<input type="checkbox"/>
	8	new 2855	30 x 30 x 1"	<input type="checkbox"/>
	8	new 2858	24 x 60 x 1"	<input type="checkbox"/>
	8	new 2865	24 x 72 x 1"	<input type="checkbox"/>
9/16" Square Tegal	43, 47, 26, 51, 55	2824	24 x 24 x 1"	<input type="checkbox"/>
	43, 47, 26, 51, 55	new 2824BK	24 x 24 x 1"	<input type="checkbox"/>
	43, 47, 26, 51, 55	2825	24 x 48 x 1"	<input type="checkbox"/>
	43, 47, 26, 51, 55	new 2856	30 x 30 x 1"	<input type="checkbox"/>
	43, 47, 26, 51, 55	new 2859	24 x 60 x 1"	<input type="checkbox"/>
	43, 47, 26, 51, 55	new 2866	24 x 72 x 1"	<input type="checkbox"/>

UL Classified Acoustics		Total Acoustics ¹		Articulation Class	Fire Performance	Light Reflect (White Only)	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												
0.85	35	BEST		170	Class A	0.86										
•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
0.85	35	BEST		170	Class A	N/A										
•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
0.85	35	BEST		170	Class A	0.86										
•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
0.85	35	BEST		170	Class A	0.86										
•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
0.85	35	BEST		170	Class A	0.86										
•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
0.85	35	BEST		170	Class A	0.86										
•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
0.85	35	BEST		170	Class A	0.86										
•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
0.85	35	BEST		170	Class A	0.86										
•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
0.85	35	BEST		170	Class A	0.86										
•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•

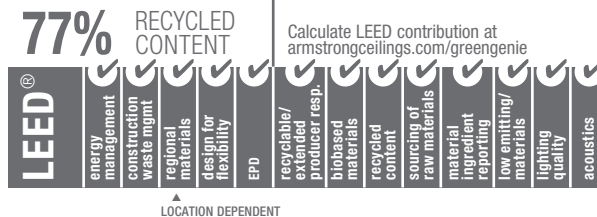
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CALLA® Size Capabilities			Width	Length
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			4" – 5-1/2"	12" – 72"
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			36" – 48"	4" – 24"

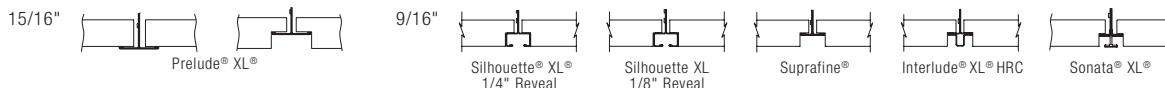
PERFORMANCE SELECTION

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NRC + CAC =	NRC + CAC	AC	Class	(White Only)	Bio-Block	Humi-Guard+								
N/A	N/A	170	Class A	0.86	•	•	•	•	•	•	•	•	•	•

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2854, 2855, 2856 – 1.0 lbs/SF; 50 SF/ctn
2857, 2858, 2859 – 1.0 lbs/SF; 80 SF/ctn
2865, 2866 – 1.0 lbs/SF; 72 SF/ctn

Minimum Order Quantity

1 carton

TechLine / 1 877 276 7876
armstrongceilings.com/commercial
(search: calla)
BPCS-4722-618

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CEILING & WALL SOLUTIONS

224

MINERAL FIBER