

Acoustical Ceiling Tile Standard

Use	Ceiling Tile	Grid
Standard ACT	Ultima Beveled Tegular 1911	Suspension Grid: Prelude 15/16"
Higher Acoustical Rating Needed	Optima Square Tegular 3354	Suspension Grid: Prelude 15/16"
Support Areas, back of house	Cortega Angled Tegular 704	Suspension Grid: Prelude 15/16"
Clean Rooms, Processing Rooms (soiled & clean)	Clean Room VL 868	Suspension Grid: Prelude 15/16"

ULTIMA®
ULTIMA® High NRC
Tegular
fine texture



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



SUSTAIN®
High Performance
Sustainable
Ceiling Systems
(PB Surfix Only)



DESIGNflex®
A New World of Choice
for Ceiling Systems



CORTEGA®/CORTEGA® Second Look®
Square Lay-in & Tegular
medium texture



CLEAN ROOM™ FL/
CLEAN ROOM™ VL & VL
Square Lay-in
smooth texture



All ACT & Grid shall be approved by project manager on all BIDMC Projects.

ULTIMA® ULTIMA® High NRC

Tegular
fine 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



See Ultima® Shapes Page 148-151

Personalize Your Design!

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

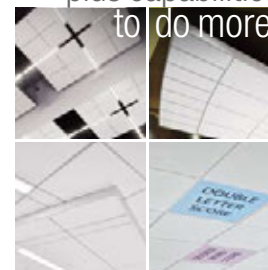
armstrongceilings.com/designflex



Ultima® Beveled Tegular panels with Sonata® 9/16" suspension system (Pg. 466)



plus capabilities
to do more



See more photos at:
armstrongceilings.com/photogallery
SEARCH: ultima

A smooth visual ceiling with Total Acoustics® performance, sound absorption, and blocking needed for today's flexible spaces.

KEY SELECTION ATTRIBUTES

- new** DesignFlex™ options include shapes and made-to-order sizes available to ship in 3 weeks
- Get total noise control and floor plan versatility with Total Acoustics® ceiling panels: NRC + CAC = Total Acoustics Performance™
- Ultima® 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
- Excellent sound absorption
- USDA Certified Biobased Product, 95%
- Ceiling-2-Ceiling™ Post-consumer Recycled Content options: items 1911HRC, 1912HRC, 1914HRC, 1915HRC. 71% Pre-consumer; 15% Post-consumer
- Available with AirGuard™ coating
- Item 1912 available with Create!™ printed images and patterns
- Non-directional visual reduces scrap and installation time
- Compatible with the TechZone® Ceiling Systems
- Available with factory-cut holes for USAI® trimless downlight fixture integration. For details, refer to the Center Cut Panels for Recessed Downlighting data page.
- 30-Year Limited System Warranty against visible sag (excludes items 1905 and 1929), mold, and mildew
- 10-Year replacement panel available for items 1911, 1912, 1914, 1915



TYPICAL APPLICATIONS

- Offices – closed spaces for privacy and confidentiality; 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)

DETAILS (Other Suspension Systems compatible. Refer to listing on page 381.)



1. Ultima® Beveled Tegular
2. Ultima® with Suprafine® 9/16" suspension system
3. Ultima® with Silhouette® XL® 9/16" suspension system with 1/4" reveal

ULTIMA® ULTIMA® High NRC

Tegular
fine texture

Now in
Shapes!



GREENGUARD
Gold Certified
(details below)



Declare™
Living Building
Challenge Compliant

SUSTAIN®
High Performance
Sustainable
Ceiling Systems

UP TO 84% 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 armstrongceilings.com/greengenie

VISUAL SELECTION

PERFORMANCE SELECTION

Dots represent high level of performance.



Edge Profile	Susp. Dwg. Pgs. 474-478 armstrongceilings.com/catdwgs	Item No.	Dimensions (Inches)
ULTIMA® 15" Beveled Tegular		15 1422	6 x 48 x 3/4"
		15 1917	12 x 24 x 3/4"
		15 1993	12 x 48 x 3/4"
		15 1994	12 x 60 x 3/4"
		15 1995	12 x 72 x 3/4"
		15 1911 1911HRC	24 x 24 x 3/4"
		15 1951	24 x 24 x 3/4"
		15 1894	24 x 24 x 3/4"
		15 1914 1914HRC	24 x 48 x 3/4"
		15 1985	24 x 60 x 3/4"
15 1981	24 x 72 x 3/4"		
9/16" Beveled Tegular		29, 44, 48, 52, 56 1423	6 x 48 x 3/4"
		29, 44, 48, 52, 56 1427	6 x 60 x 3/4"
		29, 44, 48, 52, 56 1916	12 x 24 x 3/4"
		29, 44, 48, 52, 56 1996	12 x 48 x 3/4"
		29, 44, 48, 52, 56 1997	12 x 60 x 3/4"
		29, 44, 48, 52, 56 1998	12 x 72 x 3/4"
		29, 44, 48, 52, 56 1912 1912HRC	24 x 24 x 3/4"
		29, 44, 48, 52, 56 1952	24 x 24 x 3/4"
		29, 44, 48, 52, 56 1895	24 x 24 x 3/4"

UL Classified Acoustics		Total Acoustics ¹	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	Class	0.88	Bio-Block	Humi-Guard+								
N/A	N/A	-	Class A	0.88	•	•	•	•	•	•	•	•	•	•
N/A	N/A	-	Class A	0.88	•	•	•	•	•	•	•	•	•	•
0.65	N/A	-	Class A	0.88	•	•	•	•	•	•	•	•	•	•
0.65	N/A	-	Class A	0.88	•	•	•	•	•	•	•	•	•	•
0.65	N/A	-	Class A	0.88	•	•	•	•	•	•	•	•	•	•
0.75	35	BETTER	Class A	0.88	•	•	•	•	•	•	•	•	•	•
0.60	40	GOOD	Class A	0.88	•	•	•	•	•	•	•	•	•	•
0.60	40	GOOD	Fire Guard™	0.88	•	•	•	•	•	•	•	•	•	•
0.75	35	BETTER	Class A	0.88	•	•	•	•	•	•	•	•	•	•
0.75	35	BETTER	Class A	0.88	•	•	•	•	•	•	•	•	•	•
N/A	N/A	-	Class A	0.88	•	•	•	•	•	•	•	•	•	•
N/A	N/A	-	Class A	0.88	•	•	•	•	•	•	•	•	•	•
N/A	N/A	-	Class A	0.88	•	•	•	•	•	•	•	•	•	•
0.65	N/A	-	Class A	0.88	•	•	•	•	•	•	•	•	•	•
0.65	N/A	-	Class A	0.88	•	•	•	•	•	•	•	•	•	•
0.65	N/A	-	Class A	0.88	•	•	•	•	•	•	•	•	•	•
0.75	35	BETTER	Class A	0.88	•	•	•	•	•	•	•	•	•	•
0.60	40	GOOD	Class A	0.88	•	•	•	•	•	•	•	•	•	•
0.60	40	GOOD	Fire Guard	0.88	•	•	•	•	•	•	•	•	•	•

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+)



MINERAL FIBER

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



DESIGNFlex™
 CEILING SYSTEMS

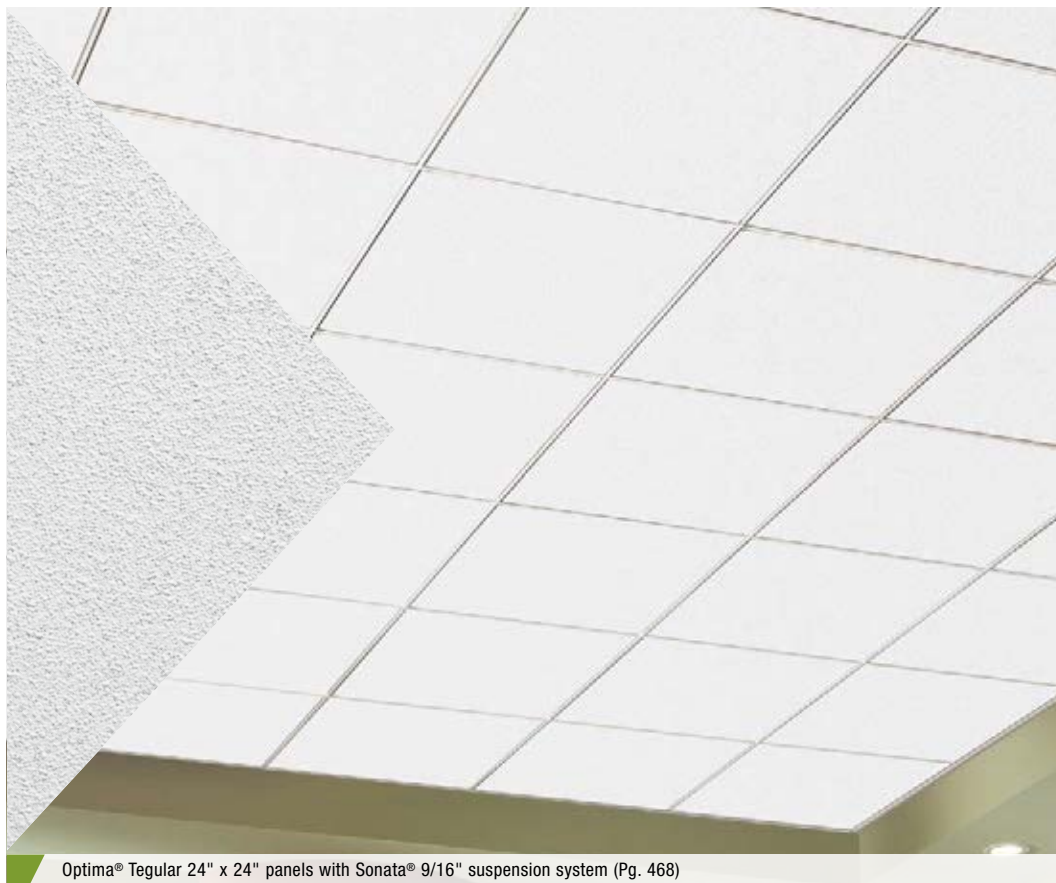


See Optima® Shapes Page 144-147

Personalize Your Design!

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

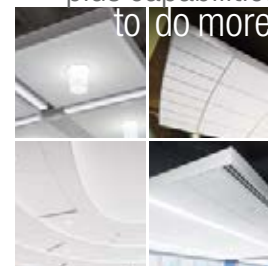
armstrongceilings.com/designflex



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
 SEARCH: optima

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

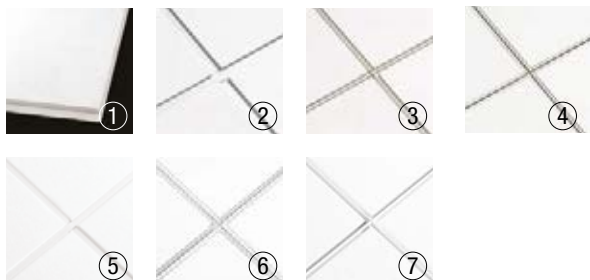
KEY SELECTION ATTRIBUTES

- 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
 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

LEED icons: energy management, construction waste to right, 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	Item No.	Dimensions (Inches)	Image
OPTIMA® Tegular				
15/16" Square Tegular	8	1402	6 x 48 x 1"	
	8	1406	6 x 60 x 1"	
	8	3264	12 x 24 x 1"	
	8	3278	20 x 60 x 1"	
	8	3250 3250PB	24 x 24 x 1"	
	8	3354	24 x 24 x 1"	
	8	3253	24 x 24 x 1-1/2"	
	8	3252 3252PB	24 x 48 x 1"	
	8	3281	24 x 72 x 1"	
	8	3282	24 x 96 x 1"	
	8	3258	30 x 30 x 1"	
	8	3286	30 x 60 x 1"	
	8	3255 3255PB	48 x 48 x 1"	

PERFORMANCE SELECTION Dots represent high level of performance.

UL Classified Acoustics		Total Acoustics ¹	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	Class	Class	Light Reflect	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	•	•	-	•	•	•	•	•	•	•
0.90	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	•	•	-	•	•	•	•	•	•	•

¹ 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

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

CORTEGA®/CORTEGA® Second Look®

Square Lay-in & Tegular
medium texture



Cortega® Angled Tegular panels with Prelude® XL® 15/16" suspension system (Pgs. 458-459)



Cortega® Second Look® II panels with Suprafine® XL® 9/16" suspension system (Pgs. 466-467)

Cortega® panels offers a medium-textured, economical solution with standard acoustical absorption.

KEY SELECTION ATTRIBUTES

- Economical
- Non-directional visual reduces scrap and installation time (excludes Second Look® items)
- Geometric Scored Visuals (Second Look items)

FACE VIEW



Cortega® Second Look® I panels – Scoring creates nominal 12" x 12" squares



Cortega® Second Look® II panels – Scoring creates nominal 24" x 24" squares

COLORS Colored ceilings are dye-lotted and should be segregated by dye lot. Do not mix.



White (WH)



Tech Black (BL)
Item 769

DETAILS (Other Suspension Systems compatible. Refer to listing on page 301.)



1. Cortega® Square Lay-in
2. Cortega® Beveled Tegular
3. Cortega® Second Look®
4. Cortega® Lay-in with Prelude 15/16" suspension system
5. Cortega® Beveled Tegular with Suprafine® 9/16" suspension system

CORTEGA®/CORTEGA® Second Look®

Square Lay-in & Tegular
medium texture

GREENGUARD
Gold Certified
(details below)

UP TO **43%** CORTEGA
55% CORTEGA
2nd LOOK
RECYCLED CONTENT

Calculate LEED contribution at 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

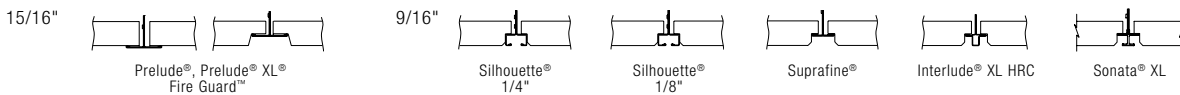
LOCATION DEPENDENT

VISUAL SELECTION

Edge Profile	Susp. Dwg. Pgs. 474-478 armstrongceilings.com/catdwgs	Item No. ♦	Dimensions (Inches)	
CORTEGA® Square Lay-in				
	1	770 770M	24 x 24 x 5/8" 600 x 600 x 15mm	
	1	824 824M	24 x 24 x 5/8"	
	1	769 - ♦ 769M	24 x 48 x 5/8" 600 x 1200 x 15mm	
	1	823 823M	24 x 48 x 5/8"	
	1	747	24 x 48 x 5/8"	
	1	773 773M	20 x 60 x 5/8" 500 x 1500 x 15mm	
	1	772 772M	24 x 60 x 5/8" 600 x 1500 x 15mm	
	1	Other Size Panels	W: 12" - 30" / L: 18" - 72" 5/8" Thick	
CORTEGA Tegular				
	12	704 704M	24 x 24 x 5/8" 600 x 600 x 15mm	
	12	816	24 x 24 x 5/8"	
	12	703 703M	24 x 48 x 5/8"	
	29, 44, 48, 52, 56	2195 2195M	24 x 24 x 5/8"	
	29, 44, 48, 52, 56	Other Size Panels	W: 12" - 30" / L: 18" - 72" 5/8" Thick	
CORTEGA® Second Look® I				
	11	2765	24 x 48 x 3/4"	
CORTEGA Second Look II				
	11	2758	24 x 48 x 3/4"	
	11	2767	24 x 48 x 3/4"	
	27	2776	24 x 48 x 3/4"	

1 Total Acoustics® ceiling panels have an ideal combination of noise reduction and sound-blocking performance in one product. ♦ Add 2-letter color suffix to item number when specifying or ordering (e.g., 769 B L).

SUSPENSION SYSTEMS * Item 2195 - CAC 31 on 9/16" Silhouette®.



NOTE: 9/16" Cortega Second Look items are installed using Suprafine® suspension systems only.

PHYSICAL DATA

Material
Wet-formed mineral fiber

Surface Finish
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). Fire Guard: A fire-resistive ceiling when used in applicable UL assemblies (Class A).

ASTM E1264 Classification
Type III, Form 2, Pattern C D

Humidity/Sag Resistance
Standard performance ceiling panels are recommended where the building is enclosed and the HVAC is continuously functioning.

VOC Emissions
GREENGUARD Gold Certified
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. (Excludes 769BL)

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.

Insulation Value
2195, 704, 816, 703 - R Factor - 1.6 (BTU units);
R Factor - 0.28 (Watts units)



770, 772, 769, 773, 823, 824 - R Factor - 1.5 (BTU units);
R Factor - 0.26 (Watts units)
747, 2765, 2758, 2767, 2776 - R Factor - 1.5 (BTU units);
R Factor - 0.26 (Watts units)

Weight; Square Feet/Carton
769 - 0.61 lbs/SF; 96 SF/ctn 823 - 1.09 lbs/SF; 48 SF/ctn
704, 2195 - 0.63 lbs/SF; 747, 824 - 1.09 lbs/SF;
64 SF/ctn 64 SF/ctn
772, 773 - 0.63 lbs/SF; 2765, 2767 - 0.73 lbs/SF;
100 SF/ctn 80 SF/ctn
703 - 0.65 lbs/SF; 80 SF/ctn 2758 - 1.26 lbs/SF; 64 SF/ctn
770 - 0.69 lbs/SF; 64 SF/ctn 2776 - 0.70 lbs/SF; 80 SF/ctn
816 - 1.08 lbs/SF; 48 SF/ctn

Minimum Order Quantity
1 carton, excludes other size panels.

Metric Items Available
770M, 824M, 769M, 773M, 772M, 2195M, 704M,
703M, 823M - Metric items are subject to extended
lead times and minimum quantities. Contact your
representative for more details.

TechLine / 1 877 276-7876
armstrongceilings.com/commercial
(search: cortega)
BPCS-3017/3022-220

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Armstrong®
CEILING & WALL SOLUTIONS

301



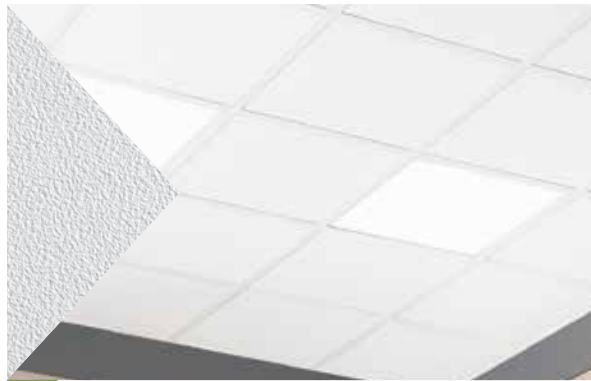
MINERAL FIBER

CLEAN ROOM™ FL/ CLEAN ROOM™ VL & VL

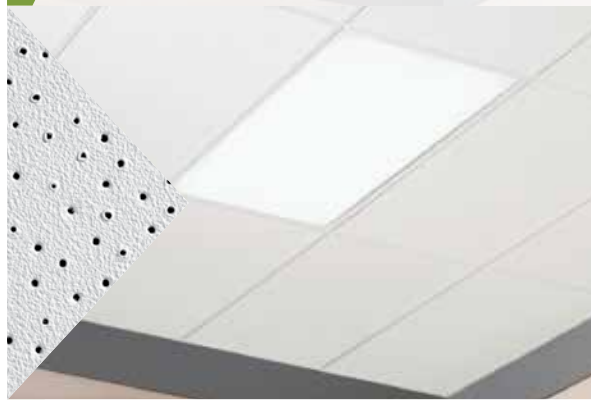
Square Lay-in
smooth texture



Clean Room™ FL panels with Clean Room 15/16" suspension system (Pg. 451)



Clean Room VL panels with Clean Room 1-1/2" suspension system (Pg. 451)



VL panels with Prelude® XL® 15/16" suspension system (Pgs. 458-459)

Clean Room™ panels meet guidelines for controlled environments and USDA/FSIS guidelines.

KEY SELECTION ATTRIBUTES

- Clean Rooms up to ISO Class 5 (Class 100) (excludes items 869, 871)
- Excellent sound blocking CAC (35-40)
- Durable – Washable, Scrubbable, Water-repellant, Impact-resistant, Scratch-resistant, Soil-resistant
- Non-directional visual reduces scrap and installation time
- 30-Year Limited System Warranty against visible sag, mold, and mildew
- 10-Year replacement panel available for items 1715, 1716, 1720, 1721



TYPICAL APPLICATIONS

Clean Room FL, Clean Room VL

- Clean Rooms
- Kitchens/food preparation areas
- Laboratories
- Healthcare
 - Patient rooms
 - Treatment rooms
 - Semi-restricted surgical areas
 - Emergency rooms

VL (Perforated)

- Lavatories/restrooms
- Utility Rooms

COLORS



White (WH)
(Clean Room VL
& VL)



White with Gray Spatter
(Clean Room FL)

DETAILS (Other Suspension Systems compatible. Refer to listing on page 299.)



1



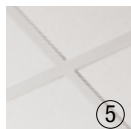
2



3



4



5

1. Clean Room™ FL
2. Clean Room™ VL
3. VL
4. Clean Room™ FL with 15/16" suspension system
5. Clean Room™ VL with 1-1/2" suspension system

CLEAN ROOM™ FL/ CLEAN ROOM™ VL & VL

Square Lay-in
smooth texture

UP TO **76%** RECYCLED CONTENT

Calculate LEED contribution at armstrongceilings.com/greengenie

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

GREENGUARD Gold Certified (details below)

recyclable/extended producer resp. bio-based materials recycled content sourcing of raw materials material ingredient reporting low emitting materials lighting quality acoustics

LOCATION DEPENDENT

VISUAL SELECTION

Edge Profile	Susp. Dwg. Pgs. 474-478 armstrongceilings.com/catdwgs	Item No.	Dimensions (Inches)
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Clean Room™ FL Field Panel

15/16" or 1-1/2" Square Lay-in	1, 6, 7	1715	24 x 24 x 3/4" □
15/16" or 1-1/2" Square Lay-in	1, 6, 7	1716	24 x 48 x 3/4" □

Clean Room™ FL Border Panel

15/16" or 1-1/2" Square Lay-in	1, 6, 7	1720	24 x 24 x 5/8" □
15/16" or 1-1/2" Square Lay-in	1, 6, 7	1721	24 x 48 x 5/8" □

Size Capabilities


	Width	Length
15/16" or 1-1/2" Square Lay-in	Made-to-Order Sizes (4-6 Wks) 5/8" Thick	24" - 48"


Clean Room™ VL Unperforated

Edge Profile	Susp. Dwg.	Item No.	Dimensions (Inches)	UL Classified Acoustics	NRC + CAC	Total Acoustics ¹	Fire Performance	Light Reflect	Mold & Mildew Protection	Sag Resist	Certified Low VOC Emissions	Water Repel	Wash	Scrub	Impact	Scratch	Soil	Recycled Content	Recycle Program	30-Yr Warranty
15/16" or 1-1/2" Square Lay-in	1, 6, 7	868	24 x 24 x 5/8" □	N/A	40	-	Fire Guard™	0.80	•	•	-	•	•	•	•	•	•	Std	-	•
15/16" or 1-1/2" Square Lay-in	1, 6, 7	870	24 x 48 x 5/8" □	N/A	40	-	Fire Guard	0.80	•	•	-	•	•	•	•	•	•	Std	-	•
15/16" or 1-1/2" Square Lay-in	1	869	24 x 24 x 5/8" □	0.55	35	-	Fire Guard	0.78	•	•	-	-	•	•	•	•	•	Std	-	•
15/16" or 1-1/2" Square Lay-in	1	871	24 x 48 x 5/8" □	0.55	35	-	Fire Guard	0.78	•	•	-	-	•	•	•	•	•	Std	-	•

¹ Total Acoustics® ceiling panels have an ideal combination of noise reduction and sound-blocking performance in one product. Also see Optima® Health Zone™ and Ultima® Health Zone™ for use in Clean Rooms.

SUSPENSION SYSTEMS

15/16"  **Prelude®**
Prelude® Plus XL® Aluminum
Prelude® XL® Fire Guard™

1-1/2"  **Clean Room™**
(Steel or Aluminum)

NOTE: Clean Room Class 5 (Class 100) UL Classified for Acoustics on 15/16" suspension system only.

PHYSICAL DATA

Material
Wet-formed mineral fiber

Surface Finish
1715, 1716, 1720, 1721 – Soil-resistant polyester film
868, 870, 869, 871 – Vinyl-faced membrane

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). Fire Guard™: A fire-resistant ceiling when used in applicable UL assemblies (Class A).

ASTM E1264 Classification
1715, 1716, 1720, 1721 – Type IV, Form 2, Pattern G H
868, 870, – Type IV, Form 2, Pattern E
869, 871 – Type IV, Form 2, Pattern C E
Fire Class A

Mold & Mildew Protection
Clean Room ceiling panels resist the growth of mold and mildew

TechLine / 1 877 276-7876
armstrongceilings.com/commercial
(search: clean room)
BPCS-3044-519

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.

VOC Emissions
GREENGUARD Gold Certified
(Excludes FL Border and VL Panels) 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.

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
R Factor – 1.5 (BTU units)
R Factor – 0.26 (Watts units)

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UL is a registered trademark of UL LLC. All other trademarks used herein are the property of AWI Licensing LLC and/or its affiliates
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30-Year Performance Guarantee & Warranty
When installed with Armstrong® Suspension System. Details at armstrongceilings.com

Weight; Square Feet/Carton
1715 – 1.02 lbs/SF; 48 SF/ctn
1716 – 1.02 lbs/SF; 64 SF/ctn
1720 – 1.04 lbs/SF; 48 SF/ctn
1721 – 1.17 lbs/SF; 64 SF/ctn
868, 869 – 1.10 lbs/SF; 48 SF/ctn
870, 871 – 1.11 lbs/SF; 64 SF/ctn

NOTE: For assistance on proper Clean Room installation, contact TechLine at 1 877 276-7876.

Minimum Order Quantity:
1 carton, excludes other size panels.

Metric Items Available
1715M, 1716M, 1720M, 1721M, 868M, 870M, 869M, 871M – Metric items are subject to extended lead times and minimum quantities. Contact your representative for more details.