

CLEAN ROOM™ FL / CLEAN ROOM™ VL & VL

Square Lay-in
smooth texture



Clean Room VL panels with Clean Room 1-1/2" suspension system



CAD/Revit® drawings at:
armstrongceilings.com/cadrevit

Clean Room FL panels with Clean Room 15/16" suspension system

VL panels with Prelude® XL® 15/16" suspension system

Smooth-texture panels with a water-repellent, scrubbable surface that meets guidelines for controlled environments and FSIS/USDA.

KEY SELECTION ATTRIBUTES

- Clean Rooms up to ISO Class 5 (Class 100) using gasketed Clean Room™ suspension systems (Items 1715, 1716, 868, and 870)
- Clean Room™ FL panels are part of the Sustain® portfolio and meet the most stringent industry sustainability compliance standards today
- Excellent sound blocking CAC 35-40
- CleanAssure™ family of products – includes disinfectable panels, suspension systems, and trim
- Bacteria-resistant surface

- Mold- and mildew-resistant surface
- Durable – Washable, Scrubbable, Water-repellant, Impact-resistant, Scratch-resistant, Soil-resistant
- 30-Year Limited System Warranty against visible sag, mold, and mildew
- 10-Year replacement panel available for Items 1715, 1716, 1720, 1721
- Made in the U.S.A. of domestic and global content
- Build America, Buy America (BABA) Act compliant



TYPICAL APPLICATIONS

Clean Room FL, Clean Room™ VL

- Clean Rooms (Items 1715, 1716, 868, and 870)
- Kitchens/food preparation areas
- Laboratories
- Healthcare
 - Patient rooms
 - Treatment rooms
 - Semi-restricted surgical areas
 - Emergency rooms

VL (Perforated)

- Lavatories/restrooms
- Utility rooms

NOTE: 24" x 24" Items 1715 and 1720 and 24" x 48" 1716 and 1721 are to be used together within the same ceiling – field panels are used for acoustics and border panels for cutting

COLORS

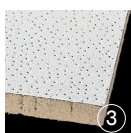
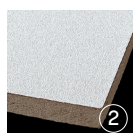


White (WH)
(Clean Room
VL & VL)



White with
Gray Spatter
(Clean Room
FL)

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



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

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Declare.

LEED V5

Refer to individual product pages for LEED info.

VISUAL SELECTION

armstrongceilings.com/suspdwgs	Susp. Dwg.	Item No.	Dimensions (Inches)	
CLEAN ROOM™ FL Field Panel*	1, 6, 7	1715**	24 × 24 × 3/4"	
15/16" or 1-1/2" Square Lay-in		1716**	24 × 48 × 3/4"	
CLEAN ROOM™ FL Border Panel*	1, 6, 7	1720	24 × 24 × 5/8"	
15/16" or 1-1/2" Square Lay-in		1721	24 × 48 × 5/8"	
Made-to-Order Sizes			5/8" Thick – 15/16" or 1-1/2" Square Lay-in	
CLEAN ROOM™ FL			Width: 24" Length: 24" – 48"	
CLEAN ROOM™ VL Unperforated	1, 6, 7	868**	24 × 24 × 5/8"	
15/16" or 1-1/2" Square Lay-in		870**	24 × 48 × 5/8"	
VL Perforated (Not for Clean Rooms)	1	869	24 × 24 × 5/8"	
15/16" or 1-1/2" Square Lay-in		871	24 × 48 × 5/8"	

4-6 WEEKS order to ship

PERFORMANCE SELECTION

Dots represent high level of performance.

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UL Classified Acoustics		Total Acoustics¹		Fire Performance		Light Reflect		Bio-Block Humi-Guard+		CleanAssure™ Disinfectable Panels		DURABILITY							Recycle Program		30-Yr Warranty	
NRC + CAC =																						
0.55	35*	N/A	Class A	0.79	*	*	*	*	*	*	*	*	*	*	*	*	*	N/A	*			
0.55	35*	N/A	Class A	0.79	*	*	*	*	*	*	*	*	*	*	*	*	*	N/A	*			
N/A	35*	N/A	Class A	0.79	*	*	*	*	*	*	*	*	*	*	*	*	*	N/A	*			
N/A	35*	N/A	Class A	0.79	*	*	*	*	*	*	*	*	*	*	*	*	*	N/A	*			
e Lay-in																						
N/A	N/A	N/A	Class A	0.78	*	*	*	*	*	*	*	*	*	*	*	*	*	N/A	*			
N/A	40*	N/A	Fire Guard™	0.80	*	Std	N/A	*	*	*	*	*	*	*	*	*	*	N/A	10-Yr			
N/A	40*	N/A	Fire Guard	0.80	*	Std	N/A	*	*	*	*	*	*	*	*	*	*	N/A	10-Yr			
0.55	35*	N/A	Fire Guard	0.78	*	Std	N/A	N/A	N/A	N/A	*	*	*	*	*	*	N/A	10-Yr				
0.55	35*	N/A	Fire Guard	0.78	*	Std	N/A	N/A	N/A	N/A	*	*	*	*	*	*	N/A	10-Yr				

Red Numbers are Fire Guard items.

¹ Total Acoustics® ceiling panels have an ideal combination of sound absorption and sound blocking in one product.

* Specify field and border panels together.

** Item provides Clean Room Performance up to ISO Class 5 (Class 100) using gasketed Clean Room™ suspension systems

Also see Optima® Health Zone™, Ultima® Health Zone™, Calla® Health Zone®, Ultima® Health Zone™ AirAssure®, and Calla® Health Zone™ AirAssure® for use in Clean Rooms.

SUSPENSION SYSTEMS

15/16"			1-1/2"		NOTE: Clean Room Class 5 (Class 100) UL® Classified for Acoustics on 15/16" suspension system only.
	Prelude® Plus XL® Aluminum Prelude® XL® Fire Guard™	Co-Extruded Clean Room™ (Steel or Aluminum)		Co-Extruded Clean Room (Steel or Aluminum)	

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

Class A: ASTM E84 and CAN/ULC S102 surface burning characteristics. Flame Spread Index of 25 or less. Smoke Developed Index of 50 or less (UL® labeled).

Fire Guard™: A fire-resistive ceiling when used in applicable UL assemblies

ASTM E1264 Classification

Type A, Form A2.2, Pattern G; Fire Class A

Anti-Mold/Mildew

Ceiling tiles with BioBlock® performance resist the growth of mold and mildew on the tile surface.

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

Third-party certified compliant with California Department of Public Health CDPH/EHLB/Standard Method Version 1.2, 2017. This standard is the guideline for low emissions in LEED®, WELL Building Standard®, Living Building Challenge® (LBC), 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)

Cleaning and Disinfecting

Cleaning and CDC-approved disinfecting options available on armstrongceilings.com/cleaning

30-Year Performance Guarantee & Warranty

When installed with Armstrong® Suspension System. Details at armstrongceilings.com/warranty

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.

TechLine / 1 877 276-7876
armstrongceilings.com/cleanroom
BPCS-3044-925

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World Industries

MINERAL FIBER – Standard