

CLEAN ROOM™ FL / CLEAN ROOM™ VL & VL

Square Lay-in
smooth texture



SUSTAIN®
High Performance
Sustainable
Ceiling Systems

▼ 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) (excludes items 869, 871)
- 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



TYPICAL APPLICATIONS

Clean Room FL, Clean Room VL

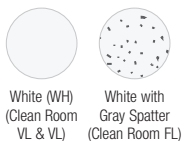
- Clean Rooms
- Kitchens/food preparation areas
- Laboratories
- Healthcare
 - Patient rooms
 - Treatment rooms
 - Semi-restricted surgical areas
 - Emergency rooms

VL (Perforated)

- Lavatories/restrooms
- Utility rooms

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

COLORS



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

Square Lay-in
smooth texture

USDA
CERTIFIED
BIODEBASED
PRODUCT
PRODUCT 91%

SUSTAIN*
High Performance
Sustainable Ceiling Systems

Declare.

GREENGUARD
Gold Certified
(details below)

LEED®
WELL™ LBC

Refer to individual product pages for LEED info.



LOCATION DEPENDENT

VISUAL SELECTION

PERFORMANCE SELECTION

Dots represent high level of performance.

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armstrongceilings.com/suspdwgs	Susp. Dwg.	Item No.	Dimensions (Inches)	UL Classified Acoustics	Total Acoustics ¹	Fire Performance	Light Reflect	Anti-Mold/Mildew	Humi-Guard+ Sag Resistant	CleanAssure™ Disinfectable Panels	DURABILITY	Recycle Program	30-Yr Warranty
				NRC + CAC						Fog & Spray Wipe	Water Repel Wash Scrub Impact Scratch Soil		
CLEAN ROOM™ FL Field Panel*	1, 6, 7	1715	24 x 24 x 3/4"	0.55	35	N/A Class A	0.79	•	•	•	•	•	N/A
15/16" or 1-1/2" Square Lay-in		1716	24 x 48 x 3/4"	0.55	35	N/A Class A	0.79	•	•	•	•	•	N/A
CLEAN ROOM™ FL Border Panel*	1, 6, 7	1720	24 x 24 x 5/8"	N/A	35	N/A Class A	0.79	•	•	•	•	•	N/A
15/16" or 1-1/2" Square Lay-in		1721	24 x 48 x 5/8"	N/A	35	N/A Class A	0.79	•	•	•	•	•	N/A
Made-to-Order Sizes			5/8" Thick – 15/16" or 1-1/2" Square Lay-in	N/A	N/A	N/A Class A	0.78	•	•	•	•	•	N/A
CLEAN ROOM™ FL			Width: 24" Length: 24" - 48"	N/A	N/A	N/A Class A	0.78	•	•	•	•	•	N/A
CLEAN ROOM™ VL Unperforated	1, 6, 7	868	24 x 24 x 5/8"	N/A	40	N/A Fire Guard™	0.80	•	Std	N/A	•	•	N/A 10-Yr
15/16" or 1-1/2" Square Lay-in		870	24 x 48 x 5/8"	N/A	40	N/A Fire Guard	0.80	•	Std	N/A	•	•	N/A 10-Yr
VL Perforated (Not for Clean Rooms)	1	869	24 x 24 x 5/8"	0.55	35	N/A Fire Guard	0.78	•	Std	N/A	N/A	N/A	N/A 10-Yr
15/16" or 1-1/2" Square Lay-in		871	24 x 48 x 5/8"	0.55	35	N/A Fire Guard	0.78	•	Std	N/A	N/A	N/A	N/A 10-Yr

4-6
WEEKS
order to ship

Red Numbers are Fire Guard items.

¹ Total Acoustics® ceiling panels have an ideal combination of sound absorption and sound blocking in one product. Also see Optima® Health Zone™ and Ultima® Health Zone™ for use in Clean Rooms.
* Specify field and border panels together.

SUSPENSION SYSTEMS

15/16"



Prelude®
Prelude® Plus XL® Aluminum
Prelude® XL® Fire Guard™



Clean Room™
(Steel or Aluminum)

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

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

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

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. Excluding items 868 and 870.

VOC Emissions

GREENGUARD Gold Certified
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)

PRODUCT CERTIFIED
FOR LOW CHEMICAL
EMISSIONS
UL.COM/GG
UL 2818



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-3044-123

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Armstrong®
CEILING & WALL SOLUTIONS



MINERAL FIBER – Standard