

CLEAN ROOM™ FL / CLEAN ROOM™ VL & VL

Square Lay-in
smooth texture



CONTAIN CLEAN PROTECT

▼ 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 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



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

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USDA
CERTIFIED
BIOBASED
PRODUCT
PRODUCT 91%



SUSTAIN™
High Performance
Sustainable Ceiling Systems



GREENGUARD
Gold Certified
(details below)

LEED® WELL™ LBC

UP TO 76% RECYCLED CONTENT

- energy management
- construction waste mgmt
- regional materials
- design for flexibility
- EPD
- recyclable/excise producer resp.
- biobased materials
- recycled content
- sourcing of raw materials
- material ingredient reporting
- low emitting materials
- lighting quality
- acoustics

Calculate sustainability with GreenGenie™
armstrongceilings.com/greengenie

LOCATION DEPENDENT

VISUAL SELECTION

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

4-6 WEEKS order to ship

PERFORMANCE SELECTION

Dots represent high level of performance.

UL Classified Acoustics	Total Acoustics ¹	Fire Performance	Light Reflect	RH90	Humi-Guard+	CleanAssure™ Disinfectable Panels	DURABILITY										Recycle Program 30-Yr Warranty
NRC + CAC =						Fog & Spray	Wipe	Water Repel	Wash	Scrub	Impact	Scratch	Soil				
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		
N/A	N/A	N/A	Class A	0.78	•	•	•	•	•	•	•	•	•	•	N/A		
N/A	40	N/A	Fire Guard™	0.80	•	•	N/A	•	•	•	•	•	•	•	N/A		
N/A	40	N/A	Fire Guard	0.80	•	•	N/A	•	•	•	•	•	•	•	N/A		
0.55	35	N/A	Fire Guard	0.78	•	•	N/A	N/A	N/A	N/A	•	•	•	•	N/A		
0.55	35	N/A	Fire Guard	0.78	•	•	N/A	N/A	N/A	N/A	•	•	•	•	N/A		

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
Clean Room ceiling panels 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
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.