

# 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](http://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)
- new** • 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
- new** • 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)

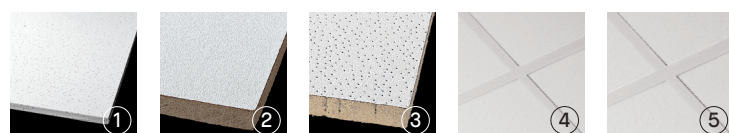
- Lavatories/restrooms
- Utility rooms

NOTE: 24" x 24" Items 1715 and 1720 and 24" x 48" 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  
BIOBASED  
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.

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

## PERFORMANCE SELECTION

Dots represent high level of performance.

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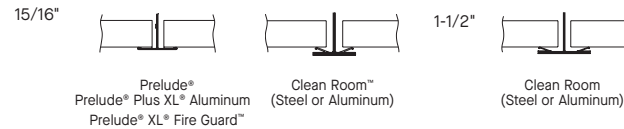
armstrongceilings.com/suspdwgs	Susp. Dwg.	Item No.	Dimensions (Inches)	UL Classified Acoustics NRC + CAC =	Total Acoustics <sup>1</sup>	Fire Performance	Light Reflect	Anti-Mold/Mildew	Sag Resistant	Certified Low VOC Emissions	CleanAssure™ Disinfectable Panels				DURABILITY					Recycle Program	30-Yr Warranty		
											Fog & Spray	Wipe	Water Repel	Wash	Scrub	Impact	Scratch	Soil					
CLEAN ROOM™ FL Field Panel* 15/16" or 1-1/2" Square Lay-in	1, 6, 7	1715	24 x 24 x 3/4"	0.55	35	N/A	Class A	0.79	*	*	*	*	*	*	*	*	*	*	*	*	*	N/A	*
CLEAN ROOM™ FL Border Panel* 15/16" or 1-1/2" Square Lay-in	1, 6, 7	1720	24 x 24 x 5/8"	N/A	35	N/A	Class A	0.79	*	*	*	*	*	*	*	*	*	*	*	*	*	N/A	*
Made-to-Order Sizes CLEAN ROOM™ FL			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™ VL Unperforated 15/16" or 1-1/2" Square Lay-in	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
VL Perforated (Not for Clean Rooms) 15/16" or 1-1/2" Square Lay-in	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	*	*	*	*	*	*	*	N/A	10-Yr

**4-6 WEEKS**  
order to ship

Red Numbers are Fire Guard items.

<sup>1</sup> 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



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.

### 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)

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-3044-823

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**Armstrong®**  
World Industries

MINERAL FIBER - Standard

