

# 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](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) 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)

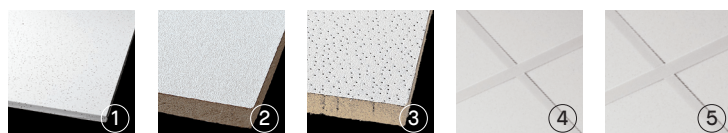
- Lavatories/restrooms
- Utility rooms

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



## 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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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.

\$\$\$

| UL Classified Acoustics | 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 |
|-------------------------|------------------------------|------------------|---------------|------------------|---------------|-----------------------------|-------------------------------------------------------------|------------|-----------------|----------------|
| 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          | *                | 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 10-Yr      |
| 0.55 35*                | N/A                          | Fire Guard       | 0.78          | *                | Std           | N/A                         | N/A                                                         | N/A        | *               | N/A 10-Yr      |

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.

\* 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<br>Prelude® XL® Fire Guard™ | Co-Extruded Clean Room™<br>(Steel or Aluminum) |        | Co-Extruded Clean Room<br>(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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MINERAL FIBER – Standard