

CLEAN ROOM™ FL/ CLEAN ROOM™ VL & VL

Square Lay-in
smooth texture



1715, 1716, 1720, 1721



Clean Room™ FL panels with Clean Room 15/16" suspension system (Pg. 382)



Clean Room VL panels with Clean Room 1-1/2" suspension system (Pg. 382)



VL panels with Prelude® 15/16" suspension system (Pgs. 391-392)

Clean Room™ panels meet guidelines for controlled environments and USDA/FSIS guidelines.

KEY SELECTION ATTRIBUTES

- Clean Rooms up to ISO Class 5 (Class 100) (excludes items 869, 871)
- Excellent sound blocking CAC (35-40)
- Durable – Washable, Scrubbable, Water-repellant, Impact-resistant, Scratch-resistant, Soil-resistant
- Non-directional visual reduces scrap and installation time
- 30-Year Limited System Warranty against visible sag, mold, and mildew

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

COLORS

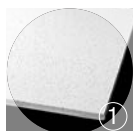


White (WH)
(Clean Room VL
& VL)



White with Gray Spatter
(Clean Room FL)

DETAILS (Other Suspension Systems compatible. Refer to listing on page 240.)



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

UP TO 76% RECYCLED CONTENT

Calculate LEED contribution at armstrongceilings.com/greengenie

LEED®

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

LOCATION DEPENDENT

VISUAL SELECTION

Edge Profile	Susp. Dwg. Pgs. 407-411 armstrongceilings.com/catdwgs	Item No.	Dimensions (Inches)
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Clean Room™ FL Field Panel

15/16" or 1-1/2" Square Lay-in	1, 6, 7	1715	24 x 24 x 3/4" □
1, 6, 7	1716	24 x 48 x 3/4" □	

Clean Room™ FL Border Panel

15/16" or 1-1/2" Square Lay-in	1, 6, 7	1720	24 x 24 x 5/8" □
1, 6, 7	1721	24 x 48 x 5/8" □	
1, 6, 7	Other Size Panels	W: 24" / L: 24" – 48" 5/8" Thick	

Clean Room™ VL Unperforated

15/16" or 1-1/2" Square Lay-in	1, 6, 7	868	24 x 24 x 5/8" □
1, 6, 7	870	24 x 48 x 5/8" □	

VL Perforated (Not for Clean Rooms)

15/16" or 1-1/2" Square Lay-in	1	869	24 x 24 x 5/8" □
1	871	24 x 48 x 5/8" □	

¹ Total Acoustics® ceiling panels have an ideal combination of noise reduction and sound-blocking performance in one product. Also see Optima® Health Zone™ and Ultima® Health Zone™ for use in Clean Rooms.

PERFORMANCE SELECTION

Dots represent high level of performance.

UL Classified Acoustics		Total Acoustics ¹	Fire Performance	Light Reflect	Anti-Mold & Mildew	Sag Resist	Certified Low VOC Emissions	Water Repel	Wash	Scrub	Impact	Scratch	Soil	Recycled Content	Recycle Program	30-Yr Warranty
NRC	+ CAC	=	Class	Light Reflect	RH90	Humi-Guard+										
0.55	35	–	Class A	0.79	•	•	•	•	•	•	•	•	•	•	–	•
0.55	35	–	Class A	0.79	•	•	•	•	•	•	•	•	•	•	–	•
N/A	35	–	Class A	0.79	•	•	–	•	•	•	•	•	•	Std	–	•
N/A	35	–	Class A	0.79	•	•	–	•	•	•	•	•	•	Std	–	•
N/A	N/A	–	Class A	0.79	•	•	–	•	•	•	•	•	•	Std	–	•
N/A	40	–	Fire Guard™	0.80	•	•	–	•	•	•	•	•	•	Std	–	•
N/A	40	–	Fire Guard	0.80	•	•	–	•	•	•	•	•	•	Std	–	•
0.55	35	–	Fire Guard	0.78	•	•	–	•	•	•	•	•	•	Std	–	•
0.55	35	–	Fire Guard	0.78	•	•	–	•	•	•	•	•	•	Std	–	•

SUSPENSION SYSTEMS

15/16"		Prelude® Plus XL® Aluminum Prelude® XL® Fire Guard™
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

ASTM E84 and CAN/ULC S102 surface burning characteristics. Flame Spread Index 25 or less. Smoke Developed Index 50 or less (UL labeled). Fire Guard™: A fire-resistant ceiling when used in applicable UL assemblies (Class A).

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

Mold & Mildew Protection

Clean Room ceiling panels resist the growth of mold and mildew

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

(Excludes FL Border and VL Panels) Third-party certified compliant with California Department of Public Health CDPH/EHLB/Standard Method Version 1.1, 2010. This standard is the guideline for low emissions in LEED, 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)

30-Year Performance Guarantee & Warranty

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

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/commercial
(search: clean room)
BPCS-3044-617

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