

Clean Room™ FL/ Clean Room™ VL & VL

Square Lay-in & Tegular
smooth texture



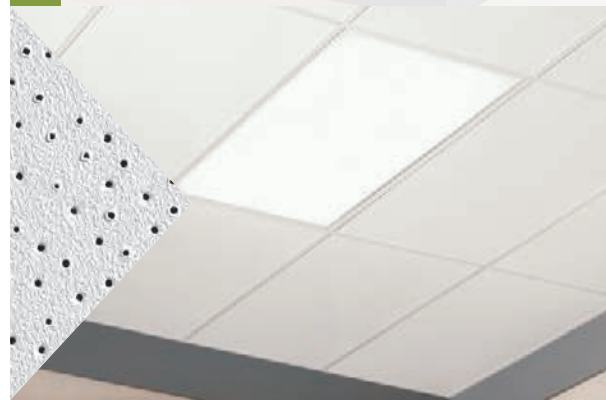
1715, 1716, 1720, 1721



Clean Room™ FL panels with Clean Room 15/16" suspension system (Pg. 267)



Clean Room VL panels with Clean Room 1-1/2" suspension system (Pg. 267)



VL panels with Prelude® 15/16" suspension system (Pgs. 279-280)

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, Soil-resistant
- Non-directional visual reduces scrap and installation time
- 30-Year Limited System Warranty against visible sag, mold and mildew

COLORS

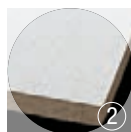


White (Clean Room VL & VL)



White with Gray Spatter (Clean Room FL)

DETAILS (Other Suspension Systems compatible. Refer to listing on page 172.)



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

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

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UP TO **76%** RECYCLED CONTENT

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

Calculate LEED contribution at armstrong.com/greengenie

VISUAL SELECTION

Edge Profile	Susp. Dwg. Pgs. 295-299 armstrong.com/catdwgs	Item No.	Dimensions (Inches)
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, 7	868	24 x 24 x 5/8" □
	1, 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" □

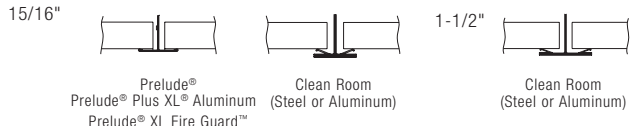
¹ Total Acoustics™ ceiling panels have an ideal combination of noise reduction and sound-blocking performance in one product. Also see Optima® Health Zone™ and Ultima® Health Zone™ for use in Clean Rooms.

PERFORMANCE SELECTION

Dots represent high level of performance.

UL Classified Acoustics		Total Acoustics ¹	Fire Rating	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	Bio-Block	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



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-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

Humidity/Sag Resistance
HumiGuard® Plus ceiling panels maintain superior sag resistance. Recommended for areas subject to high humidity, up to, but not including, standing water and outdoor applications.

Anti-Mold/Mildew
Ceiling panels with BioBlock® coating contain a mold-inhibiting agent that resists the growth of mold and mildew.

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 armstrong.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 ARMSTRONG.

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 ARMSTRONG
armstrong.com/commceilings
(search: clean room)
BPCS-3044-615

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