

Clean Room™ FL/ Clean Room VL & VL

Square Lay-in & Tegular
smooth texture



Items 1715, 1716,
1720, 1721



Clean Room FL with Clean Room 15/16" suspension system (Pg. 247)



Clean Room VL with Clean Room 1-1/2" suspension system (Pg. 247)



VL with Prelude® 15/16" suspension system (Pg. 259)

KEY SELECTION ATTRIBUTES

- Clean Rooms up to ISO Class 5 (Class 100) (excludes items 869, 879)
- Meets USDA/FSIS guidelines for use in food processing areas (excludes items 869, 871)
- Durable – Washable, Scrubbable, Soil-resistant
- Non-directional visual reduces installation time and scrap
- 30-Year Limited System Warranty against visible sag, mold/mildew, and bacterial growth

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)

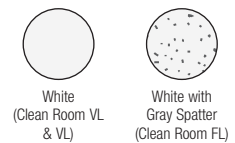
- Lavatories/restrooms
- Utility Rooms

DETAIL (Other Suspension Systems compatible. Refer to listing on page 162.)



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

COLOR



White
(Clean Room VL
& VL)

White with
Gray Spatter
(Clean Room FL)

Clean Room™ FL/ Clean Room VL & VL

Square Lay-in & Tegular
smooth texture

UP TO **77%** RECYCLED CONTENT

LEED®

- acoustics
- energy
- daylight & views
- indoor air quality
- renewable materials
- recycled content
- waste mgmt
- local* materials

Calculate LEED contribution at armstrong.com/greengenie

*LOCATION DEPENDENT



VISUAL SELECTION

PERFORMANCE

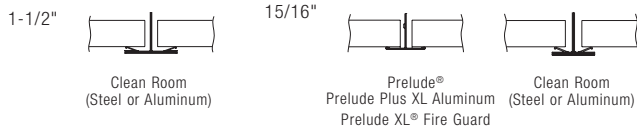
Dots represent high level of performance.

Edge Profile	Susp. Dwg. Pgs. 273-277 armstrong.com/catdwgs	Item No.	Dimensions (Inches)	Acoustics		Fire Rating	Light Reflect	Anti-Mold & Mildew	Sag Resist	Certified Low VOC Emissions	Durability						Recycled Content*	Recycle Program	Warranty*	
				NRC	CAC						Water Repel	Wash	Scrub	Impact	Scratch	Soil				No. of Years
Clean Room FL Field Panel**				UL Classified	BioBlock+	Humi-Guard+	Water Repel	Wash	Scrub	Impact	Scratch	Soil								
15/16" or 1-1/2" Square Lay-in	1, 6, 7	1715	24 x 24 x 3/4" □	0.55	35	Class A	0.79	•	•	•	•	•	•	•	•	•	•	High	-	30
	1, 6, 7	1716	24 x 48 x 3/4" □	0.55	35	Class A	0.79	•	•	•	•	•	•	•	•	•	•	High	-	30
Clean Room FL Border Panel**				N/A	35	Class A	0.79	•	•	-	•	•	•	•	•	•	•	Std	-	30
15/16" or 1-1/2" Square Lay-in	1, 6, 7	1720	24 x 24 x 5/8" □	N/A	35	Class A	0.79	•	•	-	•	•	•	•	•	•	•	Std	-	30
	1, 6, 7	1721	24 x 48 x 5/8" □	N/A	35	Class A	0.79	•	•	-	•	•	•	•	•	•	•	Std	-	30
	1, 6, 7	Other Sizes	W: 24" / L: 24" - 48" 5/8" Thick	N/A	35	Class A	0.79	•	•	-	•	•	•	•	•	•	•	Std	-	30
Clean Room VL Unperforated**				N/A	40	Fire Guard	0.80	•	•	•	•	•	•	•	•	•	•	Std	-	30
15/16" or 1-1/2" Square Lay-in	1, 7	868	24 x 24 x 5/8" □	N/A	40	Fire Guard	0.80	•	•	•	•	•	•	•	•	•	•	Std	-	30
	1, 7	870	24 x 48 x 5/8" □	N/A	40	Fire Guard	0.80	•	•	•	•	•	•	•	•	•	•	Std	-	30
VL Perforated - Not for Clean Rooms				0.55	35	Fire Guard	0.78	•	•	•	-	•	•	•	•	•	•	Std	-	30
15/16" or 1-1/2" Square Lay-in	1	869	24 x 24 x 5/8" □	0.55	35	Fire Guard	0.78	•	•	•	-	•	•	•	•	•	•	Std	-	30
	1	871	24 x 48 x 5/8" □	0.55	35	Fire Guard	0.78	•	•	•	-	•	•	•	•	•	•	Std	-	30

Also see Optima® Health Zone™ and Ultima® Health Zone for use in Clean Rooms.

** Clean Room Class 5 (Class 100)

SUSPENSION SYSTEMS



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

Sag Resistance

HumiGuard® Plus – superior resistance to sagging in high humidity conditions up to, but not including, standing water and outdoor applications.

Anti Mold/Mildew & Bacteria

BioBlock® Plus contains an anti-microbial treatment and provides guaranteed resistance against growth of mold/mildew and Gram-positive and Gram-negative odor/stain-causing bacteria for 30 years.

VOC Emissions

(Excludes FL Border 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 sizes.

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-3044-813

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