

# Clean Room MYLAR, Clean Room VL & VL

smooth texture

Recycled Content: 31-70%, Fire Guard 38%

Contact TechLine<sup>SM</sup> for LEED Information. 1-877-ARMSTRONG

LEED Credits						
Energy	Waste Mgmt	Recycled Content	Local Materials	Renewable Materials	Low-Emitting Materials	Daylight & Views
		✓ (Mylar)	✓+	✓	✓	

+ Credit is location dependent.

## Key Selection Attributes

- Clean Rooms up to Class 5 (Class 100)
- Durable
- Applicable for food preparation areas (unperforated only)
- Scrubbable
- Soil-resistant
- Washable
- 30-Year Limited System Warranty against visible sag, mold/mildew and bacterial growth
- Nondirectional visual reduces installation time and scrap
- Good sound absorption

## Typical Applications

Clean Room Mylar & Clean Room VL

- Clean rooms
- Kitchens/food preparation areas
- Laboratories
- Surgical areas/ Emergency rooms
- MRI rooms



## Color



VL (Perforated)

- Lavatories/restrooms

## Visual Selection

## Performance Selection

Dots represent highest level of performance.



Grid Face	Edge Profile	Item Number	Dimensions	UL Classified Acoustics NRC	CAC	Fire Rating	Light Reflect	Sag Resist	Anti-Microbial	VOC Formaldehyde	Recycling Program	Durable		
												Scrub	Soil	Wash
<b>Clean Room MYLAR</b> Field Unit – Class 5 (Class 100)														
15/16" or 1-1/2"	Square lay-in	1715	2' x 2' x 3/4"	0.55	35	Class A	0.79	HumiGuard+	BioBlock+	Low	-	Scrub	Soil	Wash
		1715M	600 x 600 x 19mm											
		1716	2' x 4' x 3/4"	0.55	35	Class A	0.79			Low	-			
		1716M	600 x 1200 x 19mm											
<b>Clean Room MYLAR</b> Border Unit – Class 5 (Class 100)														
15/16" or 1-1/2"	Square lay-in	1720	2' x 2' x 5/8"	N/A	35	Class A	0.79			Low	-			
		1720M	600 x 600 x 15mm											
		1721	2' x 4' x 5/8"	N/A	35	Class A	0.79			Low	-			
		1721M	600 x 1200 x 15mm											
<b>Clean Room VL</b> Unperforated – Class 5 (Class 100)														
15/16" or 1-1/2"	Square lay-in	868	2' x 2' x 5/8"	N/A	40	Fire Guard	0.80			Low	-			
		868M	600 x 600 x 15mm											
		870	2' x 4' x 5/8"	N/A	40	Fire Guard	0.80			Low	-			
		870M	600 x 1200 x 15mm											
<b>VL</b> Perforated														
15/16" or 1-1/2"	Square lay-in	869	2' x 2' x 5/8"	0.55	35	Fire Guard	0.78			Low	-			
		869M	600 x 600 x 15mm											
		871	2' x 4' x 5/8"	0.55	35	Fire Guard	0.78			Low	-			
		871M	600 x 1200 x 15mm											

\* Installations in Healthcare facilities need to meet HIPAA oral privacy requirements

Note: For assistance on proper Clean Room installation, contact TechLine at 1 877 ARMSTRONG.

## 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

1715, 1716, 1720, 1721 – ASTM E84 and CAN/ULC S102 surface burning characteristics. Flame Spread Index 25 or less. Smoke Developed Index 50 or less. (UL labeled)  
868, 869, 870, 871 – Fire Guard: A fire resistive ceiling when used in applicable UL assemblies

### ASTM E 1264 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<sup>®</sup> Plus – superior resistance to sagging in high humidity conditions

TechLine<sup>SM</sup> / 1 877 ARMSTRONG

1 877 276 7876

armstrong.com/ceilings (search: clean room)

CS-3044-108

up to, but not including, standing water and outdoor applications.

### Low Formaldehyde

Low Formaldehyde – contributing less than 13.5 ppb in typical conditions per ASHRAE Standard 62, "Ventilation for Acceptable Indoor Air Quality," California Code Title 24, and other building types in CHPS Section 1350.

### Anti Mold/Mildew & Bacteria

BioBlock<sup>®</sup> 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.

### Insulation Value

R Factor – 1.5 (BTU units)  
R Factor – 0.26 (Watts units)

### Backloading Recommendation

Contact TechLine for specific information

### 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

### 30-Year Performance Guarantee & Warranty Information

See warranty information at armstrong.com/ceilings

### Application Considerations

Clean Room MYLAR

If acoustical absorption is required, specify a combination of field and border units — field units for use as full size panels only; border units for use where panels must be cut on the job (borders, sprinkler head penetrations, etc.)

VL Perforated

869, 871 – VL Perforated is not intended for kitchen/food preparation applications. Use unperforated product – 868, 870.

For areas that require high scrubability, Clean Room VL has been tested to withstand 10,000 scrub cycles.

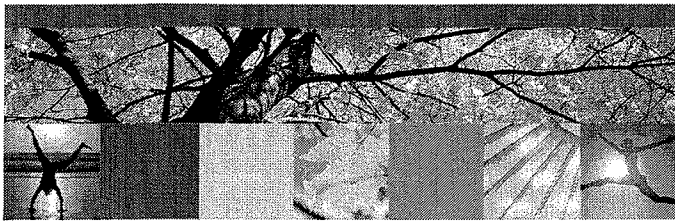
Clean Room VL product is not appropriate for applications where germicidal lamps are being used.

### Recommended Suspension System

Items	Suspension System
1715, 1716, 1720, 1721, 868, 870	15/16" PRELUDE <sup>®</sup>
1721, 868, 870	1-1/2" or 15/16" CLEAN ROOM
868, 870, 869, 871	15/16" PRELUDE XL Fire Guard

NOTE: For Clean Room installations use Clean Room MYLAR or Clean Room VL only with Armstrong Clean Room Grid Systems.





**CEILING SYSTEMS**

[ Between us, ideas become reality.™ ]

April 10, 2008

Mr. Keith Zybert  
 J.B.M. General Contractors, Inc.  
 Burlington, MA  
 zbertk@hotmail.com

Project: Harvard University  
 Zhuang Lab Renovation  
 Cambridge, MA

Installation Date: April 2008

Armstrong ceiling, wall and suspension system products contain varying amounts of recycled material. Effective March 2008, the total recycled material content is:

Product	MR Credits 5.1, 5.2			MR Credit 4.1, 4.2			MR Credit 6.0
	Mfg. Plant	Mfg. Plant Distance from Project	*Regional Material (w/i 500 miles of project)	Total Recycle Content	Post Industrial	Post Consumer	Rapidly Renewable
Ultima, #1912	Pensacola, FL	>500 miles	0%	70%	67%	3%	7.7%
Clean Room VL, #868	Marietta, PA	325 miles	6.8% <sup>1</sup>	38%	37%	1%	5.5%

**Notes:**

<sup>1</sup>A component @ 6.8% by wt. from PA.

Raw Material information not pertinent, mfg. plant and/or source >500 miles from project.

The post consumer recycled content includes ceilings recycled from the renovation of old buildings through the Armstrong Recycling Program. The recycled content figures do not include production trim and scrap, which are reused in the manufacturing process.

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Armstrong World Industries, Inc.  
 P.O. Box 3001 Lancaster, Pennsylvania 17604  
 T: [717] 397-0611



The composition is subject to change according to plant and date of production and must be verified periodically. The most up to date information regarding recycled content can be found on the Armstrong website [www.ceilings.com](http://www.ceilings.com).

\* The Federal Trade Commission guidelines on environmental claims define recycled content as that material having been recovered or diverted from the solid waste stream, either during the manufacturing process (pre-consumer) or after consumer use (post-consumer).

Sincerely,

A handwritten signature in cursive script that reads "Lori Chappory".

Lori Chappory  
ABP Technical Specialist  
Armstrong Building Products