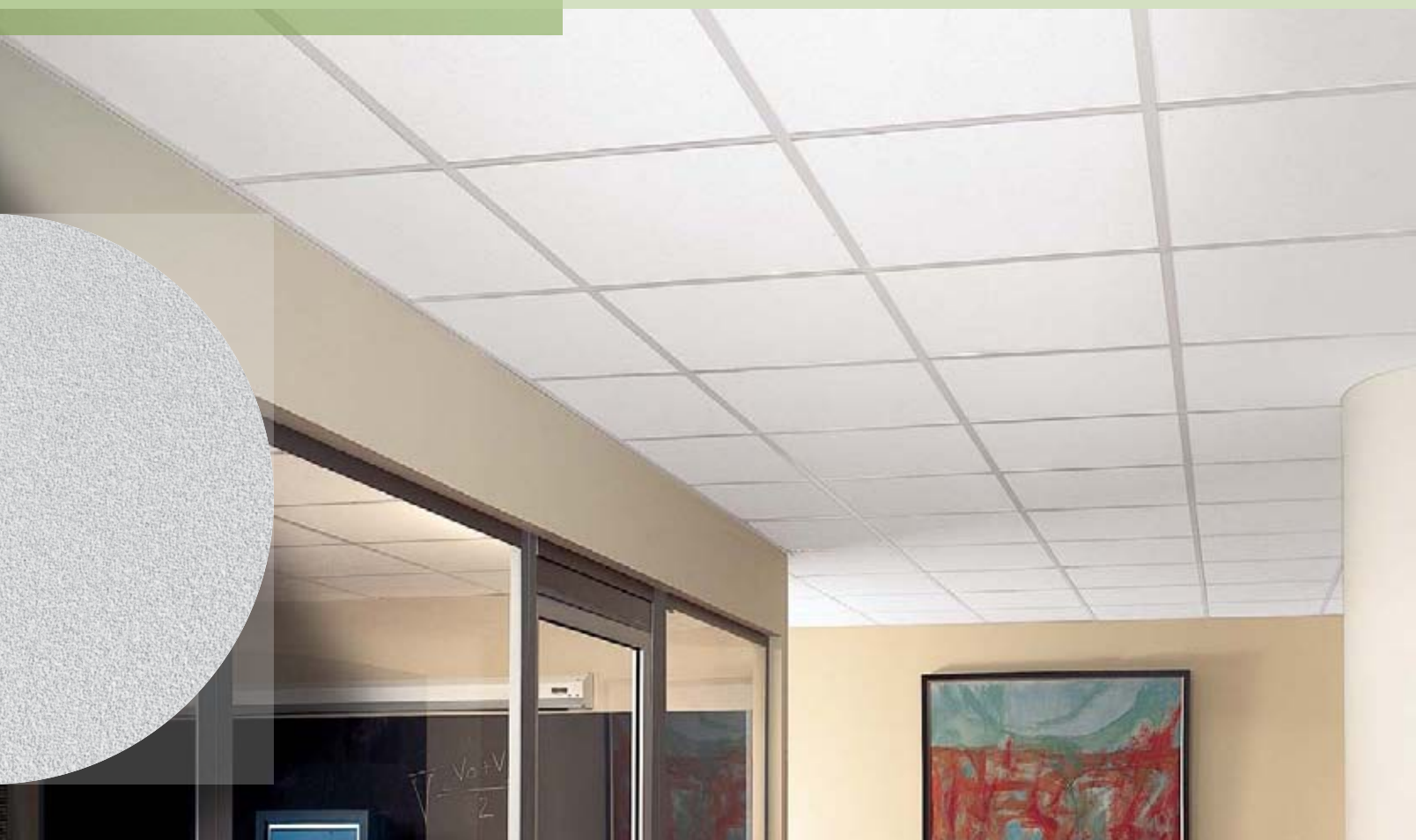




Ultima Square Lay-in with Prelude® 15/16" Exposed Tee grid (Pg. 215)

Key Selection Attributes

- Smooth, clean, durable finish – Washable, Impact-resistant, Scratch-resistant, Soil-resistant
- Scrubbable and water-repellent (Ultima High Washability)
- Excellent sound absorption
- Ceiling-2-Ceiling™ Post-consumer Recycled Content options: Items 1910HRC, 1913HRC. 65% Pre-consumer; 15% Post-consumer
- Now available with AirGuard™ Coating – reduces formaldehyde in the air. Refer to CS-4311 Ultima with AirGuard Coating data page.
- Visual coordinates with Optima® for mixed (open/closed plan) applications

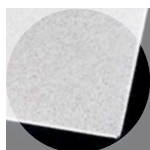


- Now available with Ultima® Create!™ custom colors and images
- Non-directional visual reduces installation time and scrap
- Compatible with TechZone™ Ceiling Systems
- Smaller size panels available (1 carton min. order). Info: armstrong.com/specials
- Plank sizes available (search: Ultima Plank)
- Meets USDA/FSIS guidelines for use in food processing areas (items 1935 and 1938)
- 30-Year Limited System Warranty against visible sag, mold/mildew, and bacterial growth

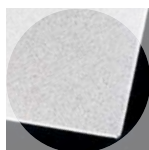
Typical Applications

- Offices
- Healthcare – assists in addressing HIPAA and FGI acoustical requirements
- Classrooms
- Corridors
- Lobbies/reception areas
- Department stores/retail
- Kitchens, dining rooms, and food preparation areas (Items 1935, 1938)

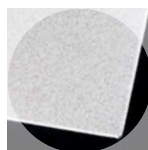
Detail (Other Suspension Systems compatible. Refer to listing on page 186.)



Ultima Square Lay-in



Ultima Health Zone™ Square Lay-in



Ultima High Washability Square Lay-in



Ultima Square Lay-in with Prelude 15/16" Exposed Tee grid

Color



White (WH)

ULTIMA®

Square Lay-in

fine texture



The post-consumer recycled content of these items is from reclaimed ceilings

Recycled Content: Up to 80%

armstrong.com/greengenie

LEED® Credits

Energy	Waste Mgmt	Recycled Content	Local Materials	Renewable Materials	Daylight & Views
✓	✓	✓	✓	✓	✓
Location Dependent					

LEED for Schools

Acoustics	Low Emitting or CHPS
✓	✓



65% Pre-consumer; 15% Post-consumer

\$\$\$\$\$

Visual Selection

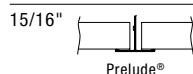
Performance Selection

Dots represent highest level of performance.

Edge Profile	Grid Drawings Cat. pgs. 226-228 or armstrong.com/ catdwg	Item No.	Dimensions	UL Classified Acoustics NRC CAC	Fire Rating	Light Reflect	Sag Resist	Anti-Microbial	Durable					Recycle Program
ULTIMA														
15/16" Square Lay-in	1	1910* 1910M 1910HRC	2' x 2' x 3/4" 600 x 600 x 19mm 2' x 2' x 3/4"	□ 0.70 35	Class A	0.90	HumiGuard+	BioBlock+	Wash	Scrub	Impact	Scratch	Soil	Yes
	1	1913 1913M 1913HRC	2' x 4' x 3/4" 600 x 1200 x 19mm 2' x 4' x 3/4"	□ 0.70 35	Class A	0.90	.	.	.	.	.	.	.	.
ULTIMA Health Zone™														
15/16" Square Lay-in	1	1935*	2' x 2' x 3/4"	□ 0.70 35	Class A	0.86	.	.	.	.	.	.	.	.
ULTIMA High Washability														
15/16" Square Lay-in	1	1938	2' x 4' x 3/4"	□ 0.70 35	Class A	0.86	.	.	.	.	.	.	.	.

* Ultima® Create!™ custom images and colors available for this item (see Ultima Create! Brochure CS-4374 for details). armstrong.com/ceilings (search:ultimacreate)

Suspension Systems



Physical Data

Material

Wet-formed mineral fiber with DuraBrite® acoustically transparent membrane
1935, 1938 – Wet-formed mineral fiber with DuraBrite acoustically transparent water-repellent membrane

Surface Finish

DuraBrite with factory-applied latex paint

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)

ASTM E1264 Classification

Type IV, Form 2, Pattern 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.

VOC/Formaldehyde Emissions

Meets CA Dept. of Health Services Standard Practice for the testing of VOC Emissions and is listed on CHPS High Performance Products Database for Low-Emitting Materials.

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.

Insulation Value

R Factor – 2.2 (BTU units)
R Factor – 0.39 (Watts units)

30-Year Performance Guarantee & Warranty Information

Details in back of catalog or at armstrong.com/warranty

Cleaning Recommendations (Items 1935, 1938)

To clean panel, use a clean, white cloth with water or a mild detergent and wipe surface. To disinfect panel, lightly spray surface and wipe clean with a clean, white cloth. Acceptable colorless disinfectants include:

- Sodium hypochlorite
- Isopropyl alcohol
- Hydrogen peroxide
- Quaternary ammonium

Weight; Square Feet/Carton

1.08 lbs/SF; 48 SF/ctn



Ultima Beveled Tegular with Suprafine® 9/16" Exposed Tee grid (Pg. 220)
Axiom®-Classic Trim; Drywall Grid Soffit (Pg. 236)



Ultima Beveled Tegular with Sonata® 9/16" Dimensional Tee grid (Pg. 219)
Axiom-Classic Trim; Drywall Grid Soffit (Pg. 236)

Key Selection Attributes

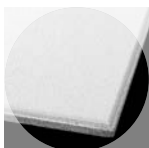
- Smooth, clean, durable finish – Washable, Impact-resistant, Scratch-resistant, Soil-resistant
- Scrubbable and water-repellent (items 1936, 1937)
- Excellent sound absorption
- Ceiling-2-Ceiling™ Post-consumer Recycled Content options: Items 1911HRC, 1912HRC, 1914HRC, 1915HRC. 65% Pre-consumer; 15% Post-consumer
- Now available with AirGuard™ Coating – reduces formaldehyde in the air. Refer to CS-4311 Ultima with AirGuard Coating data page
- Visual coordinates with Optima® for mixed (open/closed plan) applications
- Now available with Ultima® Create!™ custom colors and images
- Non-directional visual reduces installation time and scrap
- Compatible with the TechZone™ Ceiling Systems
- Smaller size panels available (1 carton min. order). Info: armstrong.com/specials
- High CAC for excellent sound blocking – items 1951, 1952
- Plank sizes available (search: Ultima Plank)
- Meets USDA/FSIS guidelines for use in food processing areas (items 1936 and 1937)
- 30-Year Limited System Warranty against visible sag (excludes item 1905), mold/mildew, and bacterial growth

Typical Applications

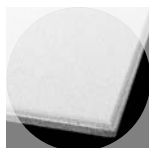
- Offices
- Healthcare – assists in addressing HIPAA and FGI acoustical requirements
- Classrooms
- Corridors
- Lobbies/reception areas
- Department stores/retail
- Areas requiring frequent plenum access
- Areas with indirect lighting systems
- Kitchens, dining rooms, and food preparation areas (items 1936 and 1937)

Detail (Other Suspension Systems compatible. Refer to listing on page 186.)

Color



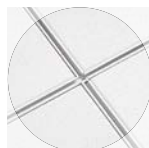
Ultima
Beveled Tegular



Ultima Health Zone™
Tegular



Ultima with
Suprafine 9/16"
Exposed Tee grid



Ultima with
Silhouette® XL® 9/16"
1/4" or 1/8" Reveal grid



White (WH)

ULTIMA®

Regular
fine texture



The post-consumer recycled content of these items is from reclaimed ceilings

Recycled Content: Up to 80%

armstrong.com/greengenie

LEED® Credits

Energy	Waste Mgmt	Recycled Content	Local Materials	Renewable Materials	Daylight & Views
✓	✓	✓	✓	✓	✓
Location Dependent					

LEED for Schools

Acoustics	Low Emitting or CHPS
✓	✓

65% Pre-consumer;
15% Post-consumer

\$\$\$\$\$

Visual Selection

Performance Selection

Dots represent highest level of performance.

Edge Profile	Grid Drawings Cat. pgs. 226-228 or armstrong.com/ catdwg	Item No.	Dimensions		UL Classified		Fire Rating	Light Reflect	Sag Resist	Anti-Microbial	Durable						Recycle Program	
					Acoustics													
					NRC	CAC												
ULTIMA Regular																		
	9/16" Beveled Tegular	31-34, 54	1916 1916M	1' x 2' x 3/4" 300 x 600 x 19mm		N/A	N/A	Class A	0.90	HumiGuard+	BioBlock+	Wash	Scrub	Water Repel	Impact	Scratch	Soil	Yes
		31-34, 54	1912* 1912M 1912HRC	2' x 2' x 3/4" 600 x 600 x 19mm 2' x 2' x 3/4"		0.70	35	Class A	0.90					-				
		31-34, 54	1952 1952M	2' x 2' x 3/4" 600 x 600 x 19mm		0.60	40	Class A	0.90					-	-			
		31-34, 54	1915 1915M 1915HRC	2' x 4' x 3/4" 600 x 1200 x 19mm 2' x 4' x 3/4"		0.70	35	Class A	0.90					-	-			
		31-34, 54	1905 1905M	30" x 30" x 3/4" 750 x 750 x 19mm		0.70	35	Class A	0.90	Standard				-	-			
	15/16" Beveled Tegular	12	1917 1917M	1' x 2' x 3/4" 300 x 600 x 19mm		N/A	N/A	Class A	0.90				-	-				
		12	1911 1911M 1911HRC	2' x 2' x 3/4" 600 x 600 x 19mm 2' x 2' x 3/4"		0.70	35	Class A	0.90				-	-				
		12	1951 1951M	2' x 2' x 3/4" 600 x 600 x 19mm		0.60	40	Class A	0.90				-	-				
		12	1914 1914M 1914HRC	2' x 4' x 3/4" 600 x 1200 x 19mm 2' x 4' x 3/4"		0.70	35	Class A	0.90				-	-				
	ULTIMA Health Zone™ (see Health Zone Ultima, CS-4066)																	
	9/16" Beveled Tegular	31-34, 54	1936*	2' x 2' x 3/4"		0.70	35	Class A	0.86									
	15/16" Beveled Tegular	12	1937	2' x 2' x 3/4"		0.70	35	Class A	0.86									

* Ultima® Create!™ custom images and colors available for this item (see Ultima Create! Brochure CS-4374 for details). armstrong.com/ceilings (search: ultimacreate)

Suspension Systems

15/16"	9/16"					Item 1912 – CAC 33 on Interlude, Sonata, Suprafine
Prelude®	Interlude® XL®	Silhouette® XL 1/4" or 1/8" Reveal	Sonata® XL	Suprafine®	Trimlok® Screw-Slot	

Physical Data

Material
Wet-formed mineral fiber with DuraBrite® acoustically transparent membrane
1936, 1937 – Wet-formed mineral fiber with DuraBrite acoustically transparent water-repellent membrane

Surface Finish
DuraBrite with factory-applied latex paint

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)

ASTM E1264 Classification
Type IV, Form 2, Pattern 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. (Excludes item 1905)

VOC/Formaldehyde Emissions
Meets CA Dept. of Health Services Standard Practice for the testing of VOC Emissions and is listed on CHPS High Performance Products Database for Low-Emitting Materials.

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.

Insulation Value
R Factor – 2.2 (BTU units)
R Factor – 0.39 (Watts units)

30-Year Performance Guarantee & Warranty Information
Details in back of catalog or at armstrong.com/warranty

Application Considerations (All items except HRC)
1' x 2' products intended for use with 1' x 2' recessed lighting fixtures and are not UL Classified for acoustics.

Cleaning Recommendations (Items 1936, 1937 only)
To clean panel, use a clean, white cloth with water or a mild detergent and wipe surface. To disinfect panel, lightly spray surface and wipe clean with a clean, white cloth. Acceptable colorless disinfectants include:

- Sodium hypochlorite
- Hydrogen peroxide
- Isopropyl alcohol
- Quaternary ammonium

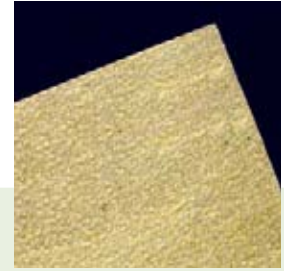
Weight; Square Feet/Carton
1905 – 1.05 lbs/SF; 62.5 SF/ctn
1911, 1912, 1914, 1915 – 1.05 lbs/SF; 48 SF/ctn
1916, 1917 – 1.05 lbs/SF; 24 SF/ctn
1936, 1937 – 1.08 lbs/SF; 48 SF/ctn
1951, 1952 – 1.31 lbs/SF; 48 SF/ctn

AirGuard™ Coating

A revolutionary breakthrough..., the only ceiling coating that actively removes formaldehyde to create healthier air in buildings



Front of Ultima® ceiling panel



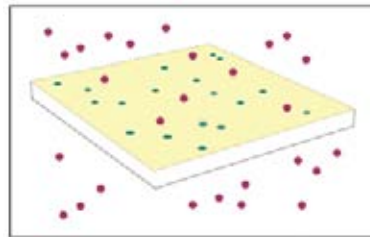
Back of ceiling panel with AirGuard Coating

Available now for Ultima ceiling panels.

- AirGuard Coating, applied to the back of ceiling tiles, converts formaldehyde present in interiors into an inert substance permanently captured by the ceiling
- AirGuard Coating removes 50% of formaldehyde in the air for 10 years
- Removes over 90% of formaldehyde during first year when occupants are at greatest risk of exposure to formaldehyde
- Reduces level and time of exposure to formaldehyde spike sources such as cleaning agents



Without AirGuard Coating, formaldehyde concentrations average 13 ppb



AirGuard Coating captures formaldehyde in the ceiling panel and changes it into a harmless inert substance



AirGuard Coating reduces formaldehyde concentration by 90% in the first year

Use areas—Create healthier air for building occupants with AirGuard Coating

AirGuard Coating is designed to be used in interior environments where naturally occurring and man-made formaldehyde emissions can present potential health risks. Install Ultima with AirGuard Coating in spaces where indoor air quality is important to occupant learning, healing, or working, including:

- New construction and renovation
- Hospitals and healthcare facilities
- Schools
- Offices

Independent testing and industry certifications validate performance for AirGuard™ Coating

Performance backed by UL-Environment™

AirGuard Coating is a UL-Environment Certified Product and listed in the UL Database of Validated and Certified Products. For more information and certification documentation, visit ulenvironment.com

Testing and measurement followed:

ASTM procedures (ASTM 5116-10, D 5197-03)

ISO Standards (ISO-16000-23)



*UL-Environmental Claims Qualification: At an average indoor concentration of 13 ppb, AirGuard Coating removes formaldehyde by an average of 50% over 10 years.

For additional information, please visit armstrong.com/airguard to see our AirGuard White Paper (CS-4313) and AirGuard Coating Brochure (CS-4310).

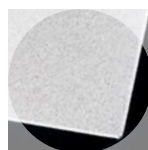


Key Selection Attributes

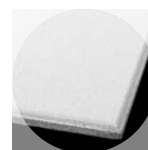
- AirGuard Coating removes 50% of formaldehyde in the air for 10 years*
- Removes over 90% of formaldehyde during first year when occupants are at greatest risk of exposure to formaldehyde
- Smooth, clean, durable DuraBrite® finish – Washable, Impact-resistant, Scratch-resistant, Soil-resistant
- Excellent sound absorption
- Visual coordinates with Optima® for mixed (open/closed plan) applications
- Non-directional visual reduces installation time and scrap
- Compatible with TechZone™ Ceiling Systems
- 30-Year Limited System Warranty against visible sag, mold/mildew, and bacterial growth

* UL-Environmental Claims Qualification: At an average indoor concentration of 13 ppb, AirGuard Coating removes formaldehyde by an average of 50% over 10 years.

Detail



Ultima with AirGuard Coating Square Lay-in



Ultima with AirGuard Coating Beveled Tegalur



Ultima with AirGuard Coating Square Lay-in with Prelude 15/16" Exposed Tee Grid

Color



White (WH)

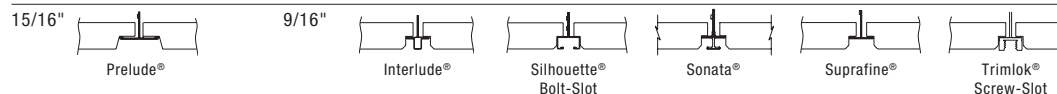
Visual Selection

Performance Selection

Dots represent highest level of performance.

Edge Profile	Item No.	Dimensions	UL Classified	Acoustics	Fire Rating	Light Reflect	Sag Resist	Anti-Microbial	Durable	Recycle Program
			UL Classified	NRC CAC	Rating	Reflect	Resist	Microbial		
			NRC							
ULTIMA with AirGuard Coating										
	1900	2' x 2' x 3/4"	□	0.70 35	Class A	0.90	HumiGuard+	BioBlock+	Wash Impact Scratch Soil Yes	
	1903	2' x 4' x 3/4"	□	0.70 35	Class A	0.90				
	1902	2' x 2' x 3/4"	□	0.70 35	Class A	0.90				
	1906	2' x 4' x 3/4"	□	0.70 35	Class A	0.90				
	1901	2' x 2' x 3/4"	□	0.70 35	Class A	0.90				
	1904	2' x 4' x 3/4"	□	0.70 35	Class A	0.90				

Suspension Systems



Physical Data

Material
Wet-formed mineral fiber with DuraBrite acoustically transparent membrane

Surface Finish
DuraBrite with factory-applied latex paint

AirGuard Coating
AirGuard Coating is a patent pending breakthrough coating that is applied to the back of ceiling tiles. This coating reacts with formaldehyde present in interiors and through a harmless, safe chemical process, renders it inert.

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)

ASTM E1264 Classification
Type IV, Form 2, Pattern 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.

VOC/Formaldehyde Emissions
Meets CA Dept. of Health Services Standard Practice for the testing of VOC Emissions and is listed on CHPS High Performance Products Database for Low-Emitting Materials.

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.

Insulation Value
R Factor – 2.2 (BTU units)
R Factor – 0.39 (Watts units)

30-Year Performance Guarantee & Warranty Information
See warranty details at armstrong.com/warranty

Application Considerations
For maximum results, install Ultima with AirGuard Coating in the entire ventilation zone

Weight; Square Feet/Carton
1.08 lbs/SF; 48 SF/ctn