ULTIMA®

Square Lay-in Items 1910, 1913 fine texture

Ultima Square Lay-in with Prelude® 15/16" Exposed Tee suspension system (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
- · 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.)



Square Lay-in



Ultima Health Zone™ Square Lay-in



Ultima High Washability



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

Color



White (WH)



Square Lay-in

fine texture



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

Up to 80%

65% Pre-consumer:

15% Post-consumer

LEED® Credits

Waste

Mgmt

W

Energy

Recycled Local Renewable Daylight Content Materials Materials & Views 1 v

EPD

Location Dependent

LEED for Schools Acoustics Low Emitting

or CHPS 4

4

Product Declaration

Environmental

Items 1910, 1910HRC.



1913, 1913HRC, 1935, 1938

Visual Selection

Performance Selection Dots represent highest level of performance.

Edge Profile ULTIMA	Grid Drawings Cat. pgs. 226-228 or armstrong.com/ catdwg	Item No.	Dimensions		UL Classifie Acoustics NRC CAC	d Fire Rating	Light Reflect	Sag Resist	Anti- Microbial			urable	/	_ !	Recycle Program
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 I	mpact S	Scratch S	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 Healt	h 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	•	•	•	•	•	•	•	•

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

EPD



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

Ultima Beveled Tegular with Sonata® 9/16" Dimensional Tee suspension system (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
- Available with AirGuard[™] Coating reduces formaldehyde in the air. Refer to BPCS-4311 Ultima with AirGuard Coating data page
- Visual coordinates with Optima® for mixed (open/closed plan) applications
- Available with Ultima[®] Create![™] custom colors and images

- · Non-directional visual reduces installation time and scrap
- Compatible with the TechZone[™] Ceiling
- 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

- Healthcare assists in addressing HIPAA and FGI acoustical requirements
- Classrooms
- Corridors
- · Lobbies/reception areas
- · Department stores/retail
- · Areas requiring frequent plenum
- · 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.)



Beveled Tegular



Ultima Health Zone™ Tegular



Ultima with Suprafine 9/16" Exposed Tee suspension system



Silhouette® XL® 9/161 1/4" or 1/8" Reveal suspension system

Color



White (WH)

fine texture



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

Recycled Content: Up to 80%

Content

65% Pre-consumer:

15% Post-consumer

LEED® Credits Recycled Local

Location Dependent

EPD

Renewable Daylight Materials Materials & Views V

LEED for Schools Acoustics Low Emitting

or CHPS





Visual Selection

Performance Selection Dots represent highest level of performance.

Waste

Mgmt

Energy

			UL Classified	
Edge	Grid Drawings Cat. pgs. 226-228 Item	Dimensions	Acoustics Fit NRC CAC Ra	
Profile	or armstrong.com/ No. catdwg		NRC CAC	
III TIMA Ter	nular			

2' x 2' x 3/4"

2' x 2' x 3/4"

2' x 2' x 3/4"

2' x 4' x 3/4"

1915HRC 2' x 4' x 3/4'

1911HRC 2' x 2' x 3/4"

1914HRC 2' x 4' x 3/4"

600 x 600 x 19mm

600 x 600 x 19mm

600 x 1200 x 19mm

30" x 30" x 3/4"

1' x 2' x 3/4"

2' x 2' x 3/4"

2' x 2' x 3/4"

2' x 4' x 3/4"

750 x 750 x 19mm

300 x 600 x 19mm

600 x 600 x 19mm

600 x 600 x 19mm

600 x 1200 x 19mm

Light Sag ting Reflect Resist

Class A 0.90

Anti-Microbial



Repel

Environmental

Product Declaration

Items 1905, 1911, 1911HRC, 1912, 1912HRC, 1914

1914HRC, 1915, 1915HRC, 1916, 1917, 1936, 1937





ULTIMA Tegular 9/16" Class A 0.90 HumiGuard+ BioBlock+

31-34, 54 1916

1916M

1912*

1952

1915

1905

1917

1911

1951

1914

1914M

1951M

1911M

1917M

1905M

1915M

1952M

1912M

1912HRC

1' x 2' x 3/4" N/A N/A 300 x 600 x 19mm

> 0.70 35

0.60

0.70

0.70

N/A

0.70 35

0.70

40

35

35

N/A

0.60 40





Standard















EPD

31-34, 54

31-34, 54

31-34.54

31-34, 54

12

12

12

12

Beveled Tegular

15/16"

Beveled Tegular









Wash





Scrub Water Impact Scratch Soil













MINERAL

FIB

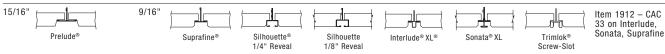
E R



9/16" Beveled Teg		1936*	2' x 2' x 3/4"	0.70	35	Class A	•	•	•	•	•	•	•	•	•	•
15/16" Beveled Teg	12	1937	2' x 2' x 3/4"	0.70	35	Class A		•	•	•	•	•	•	•	•	•

^{*} 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 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

Weets 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 InformationDetails 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
Isopropyl alcohol

Cuaternary 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

Between us, ideas become reality™

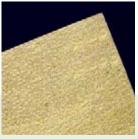
AirGuard™ Coating **Q**



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



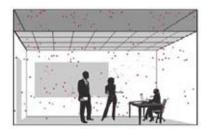




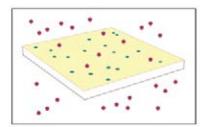
Back of ceiling panel with AirGuard Coating

Available now for Ultima ceiling panels.

- · AirGuard Coating, applied to the back of ceiling panels, 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).



ULTIMA® with AirGuard™ Coating €

Square Lay-in, Tegular

fine texture



LEED® Credits Energy

Possible LEED Innovation

Credit for Active Removal

of Indoor Pollutants

Recycled

Content:

Waste Recycled Local Renewable Daylight Mgmt Content Materials Materials



EPD

Environmental

1903, 1904, 1906

Items 1900, 1901, 1902,

LEED for Schools Acoustics Low Emitting or CHPS

Product Declaration

White (WH)

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

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

- 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

Detail



with AirGuard Coating





with AirGuard Coating Square Lay-in with Prelude 15/16"





























Square Lay-in



with AirGuard Coating Beveled Tegular



suspension system

Visual Selection

Performance Selection Dots represent highest level of performance.

dge	Item	Dimensions	(UL Clas Acous NRC		Fire Rating	Light Reflect	Sag Resist	Anti- Microbial		Dur	rable		Recycle Program
Profile	No.			NRC			•	*	®		6		$\overline{}$	
JLTIMA with Air	Guard Coatin	g												
5/16" quare Lay-in	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	•	•	•	•	•	•	•
9/16" Beveled Tegular	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	•	•	•	•	•	•	•
5/16" Jeveled Tegular	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 Sys	stems													
Suspension Sys	stems (9/1	16"			<u></u>			——————————————————————————————————————				_	

г"л

Silhouette®

1/4" Reveal

Silhouette

1/8" Reveal

Physical Data

Wet-formed mineral fiber with DuraBrite acoustically transparent membrane

Prelude[®]

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

Suprafine®

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

Sonata

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

Interlude®

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

Trimlok

Screw-Slot

ULTIMA® Plank

Lay-in, Tegular, Shiplap fine texture



Ultima Plank with Prelude® 15/16" Exposed Tee suspension system (Pg. 215); Axiom® Classic Trim (Pg. 236); Drywall Suspension System Soffit (Pg. 253)

Key Selection Attributes

- The only monolithic mineral fiber plank option
- Smooth, clean, durable finish Washable, Scratch-resistant, Soil-resistant
- Excellent sound absorption
- Visual coordinates with Optima® for mixed (open/closed plan) applications
- Energy-saving, high light-reflective finish
- Compatible with the TechZone[™] Ceiling Systems (Items 1980, 1981, 1982 only)
- 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

Detail (Other Suspension Systems compatible. Refer to listing on page 192.)



Ultima Plank Lay-in



Ultima Plank Beveled Tegular



Ultima Plank Shiplap Long Edge/ Beveled Tegular Short Edge



Ultima Plank Square Lay-in with Prelude 15/16" Exposed Tee suspension system



Ultima Plank Beveled Tegular with Suprafine® 9/16" Exposed Tee suspension system



Ultima Plank Shiplap with Prelude 15/16" Exposed Tee suspension system

Color





EPD

ULTIMA® Plank

Lay-in, Tegular, Shiplap

fine texture

LEED® Credits **LEED** for Schools Energy Waste Recycled Local Renewable Daylight Acoustics Low Emitting Mgmt Content Materials Materials & Views or CHPS 1 Location Dependent



Environmental Product Declaration Items 1980, 1981, 1982, 1983, 1984, 1985, 1986, 1987, 1988, 1989

\$\$\$\$\$

Visual Selection P							Performance Selection Dots represent highest level of performance.										
Edge Profile ULTIMA Plank	Grid Drawings Cat. pgs. 226-228 or armstrong.com/ catdwg		Dimensions		Acous NRC	Classified stics CAC	Fire Rating	Light Reflect	Sag Resist	Anti- Microbial		Dui	rable	<u></u>	Recycle Program		
15/16" Square Lay-in	1	1980	2' x 6' x 3/4"		0.70	35	Class A	0.90	HumiGuard+	BioBlock+	Wash	Impact	Scratch	Soil	Yes		
Square Lay-III	1	1984	2' x 5' x 3/4"		0.70	35	Class A	0.90	•	•	•	•	•	•	•		
ULTIMA Plank	Tegular																
9/16" Beveled Tegular	31-34, 54	1982	2' x 6' x 3/4"		0.70	35	Class A	0.90	•	•	•	•	•	•	•		
	31-34, 54	1986	2' x 5' x 3/4"		0.70	35	Class A	0.90	•	•	•	•	•	•	•		
15/16" Beveled Tegular	12	1981	2' x 6' x 3/4"		0.70	35	Class A	0.90	•	•	•	•	•	•	•		
	12	1985	2' x 5' x 3/4"		0.70	35	Class A	0.90	•	•	•	•	•	•	•		
ULTIMA Plank	Shiplap																
15/16" SL2 Long/Bev Teg Short	64	1988	2' x 6' x 3/4"		0.70 •	35	Class A	0.90	•	•	•	•	•	•	•		
	64	1989	2' x 5' x 3/4"		0.70	35	Class A	0.90	•	•	•	•	•	•	•		
Suspension Sy	rstems			•	•			•				•	• • • • • • • • • • • • • • • • • • • •				
15/16" Prelu	de®	with	Prelude n SL2 Long/Beveled	Tegular Sho	rt												
9/16" Suprat	fine® Silhoue		Silhouette		Interlude [©]		Sonata	>									

Physical Data

Material

Wet-formed mineral fiber with DuraBrite® acoustically transparent membrane

Surface FinishDuraBrite 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)

Application Considerations
Shiplap items should not be used in corridors. Lay-in and
Tegular plank items require 16" clear plenum space if access is required.

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

Weight: Square Feet/Carton 1980, 1981, 1982, 1988 – 1.08 lbs/SF; 72 SF/ctn 1984, 1985, 1986, 1989 – 1.08 lbs/SF; 80 SF/ctn

