

WOODWORKS[®]
Grille
Solid Wood
Panels

Inspiring Great Spaces[®]

Armstrong[®]
CEILING SOLUTIONS

Broaden Your HORIZONS

Warm, natural wood ceilings in rectilinear solid wood panels create dramatic lines for ceilings and walls, adding a unique perspective to your design.

- ▶ Vertical and horizontal slats come in a variety of standard depths and widths; custom sizes also available
- ▶ Installs in the ceiling, on the wall, or create 90° angled or faceted ceiling-to-wall transitions
- ▶ Panels provide easy installation and design adaptability with dowel, backer, or dowel and backer combination
- ▶ Custom-curved application available with flexible backer
- ▶ Suspension system virtually disappears with backers that easily install on standard grid
- ▶ Create sleek visuals using integrated linear and downlighting solutions from our partners that are certified for fit and finish and seismically tested

curvy, flat, angled... design away

WoodWorks® Grille ▶

Boston Public Library Johnson Building, Boston, MA
William Rawn Associates, Architects, Inc., Boston, MA





▲ WoodWorks® Grille; The Eastern Iowa Airport, Cedar Rapids, IA; Mead & Hunt, Inc., Minneapolis, MN

BLUR THE LINE

Let linear motion cascade downward from the ceiling to the walls with dramatic flowing lines and intersecting angles.

ACCENTUATE GEOMETRICS

Develop a bold look with congruous lines that create spatial harmony on a linear frame.

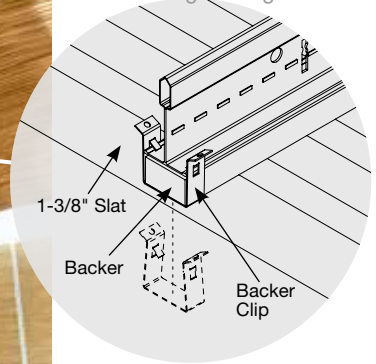
▼ WoodWorks® Grille Custom; Gourley Plaza Mercantile Center, Ft. Worth, TX; VLK Architects, Ft. Worth, TX



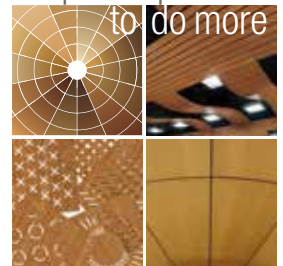
WOODWORKS® Grille

Solid Wood Backer, Dowel, and Backer & Dowel Combination

CAD/Revit® drawings at:
armstrongceilings.com



plus capabilities
to do more



armstrongceilings.com/capabilities
See more photos at:
armstrongceilings.com/photogallery

WoodWorks® Grille Custom Installation – Faceted Ceiling 2-1/4" panels in Grille Light Cherry with Backer

These warm, natural wood ceilings offer installation flexibility and a variety of design options.

KEY SELECTION ATTRIBUTES



- Integrated downlighting solutions from USAI® sit perfectly flush with the panel face for a sleek visual
- Lighting solutions are certified for fit and finish and engineered to be supported by standard Armstrong suspension systems for use in all areas, including seismic DEF zones.
- Integrate linear lights seamlessly with the Integrated Light Connection Clip and lights from Backlight® srl and XAL®
- 13 pre-designed panels with new slat heights and widths
- Custom slat sizes and finishes available for every project
- Now available in painted White finish for maximum design flexibility
- Install in the ceiling, on the wall, or create 90° angled or faceted ceiling-to-wall transitions
- Easy installation with dowel or backer, or backer & dowel combination
- FSC®-Certified wood options available

*Now, Lighting
Integration
Made Easy*



DOWNLIGHTING: WoodWorks® Grille panel with USAI® Micro™ downlight fixture.

FINISH SELECTION

Due to printing limitations, shade may vary from actual product.



Grille White (GWH)



Grille Maple (GMP)



Grille Light Cherry (GLC)



Grille Dark Cherry (GDC)



Grille Walnut (GWN)



Custom Finishes Available

NOTE: Panel backers are black. Custom backer colors available.



LINEAR LIGHTING: WoodWorks® Grille panels in Maple with 5-1/4" x 95" linear light fixture.

WOODWORKS® Grille

Solid Wood Backer, Dowel, and Backer & Dowel Combination

For LEED contribution contact TechLine

LEED energy management construction waste mgmt regional materials design for flexibility EPD recyclable/extended producer resp. bio-based materials FSC (for wood) recycled content sourcing of raw materials material ingredient reporting low emitting materials lighting quality acoustics

VISUAL SELECTION

Item No. ◆	Slat Width	Slat Height	Slats Per Panel	Open Area Between Slats	Dimensions (Inches) Nominal W x L x H*	% Open Area
WOODWORKS® Grille – Backer, Dowel, and Backer & Dowel Combination						
7263_ _ _ _ _	5/8"	1-3/8"	6 slats	1-3/8"	12 x 96 x 1-7/8" Backer Only 12 x 96 x 1-3/8" Dowel Only	69%
7264_ _ _ _ _	5/8"	1-3/8"	8 slats	7/8"	12 x 96 x 1-7/8" Backer Only 12 x 96 x 1-3/8" Dowel Only	58%
7265_ _ _ _ _	5/8"	2-1/4"	6 slats	1-3/8"	12 x 96 x 2-3/4" Backer Only 12 x 96 x 2-1/4" Dowel Only	69%
7266_ _ _ _ _	5/8"	2-1/4"	8 slats	7/8"	12 x 96 x 2-3/4" Backer Only 12 x 96 x 2-1/4" Dowel Only	58%
7091_ _ _ _ _	5/8"	3-1/4"	5 slats	1-3/4"	12 x 96 x 3-3/4" Backer & Dowel 12 x 96 x 3-1/4" Dowel Only	74%
7092_ _ _ _ _	5/8"	3-1/4"	6 slats	1-3/8"	12 x 96 x 3-3/4" Backer & Dowel 12 x 96 x 3-1/4" Dowel Only	58%
7093_ _ _ _ _	5/8"	4-1/4"	5 slats	1-3/4"	12 x 96 x 4-3/4" Backer & Dowel 12 x 96 x 4-1/4" Dowel Only	74%
7094_ _ _ _ _	1"	2-1/4"	4 slats	2"	12 x 96 x 2-3/4" Backer Only 12 x 96 x 2-1/4" Dowel Only	67%
7095_ _ _ _ _	1"	3-1/4"	4 slats	2"	12 x 96 x 3-3/4" Backer Only 12 x 96 x 3-1/4" Dowel Only	67%
7096_ _ _ _ _	1"	4-1/4"	4 slats	2"	12 x 96 x 4-3/4" Backer & Dowel 12 x 96 x 4-1/4" Dowel Only	67%
7097_ _ _ _ _	1-1/4"	3-1/4"	3 slats	2-3/4"	12 x 96 x 3-3/4" Backer Only 12 x 96 x 3-1/4" Dowel Only	69%
7098_ _ _ _ _	1-1/4"	4-1/4"	3 slats	2-3/4"	12 x 96 x 4-3/4" Backer & Dowel 12 x 96 x 4-1/4" Dowel Only	69%
7099_ _ _ _ _	1-1/4"	5-1/4"	3 slats	2-3/4"	12 x 96 x 5-3/4" Backer & Dowel 12 x 96 x 5-1/4" Dowel Only	69%

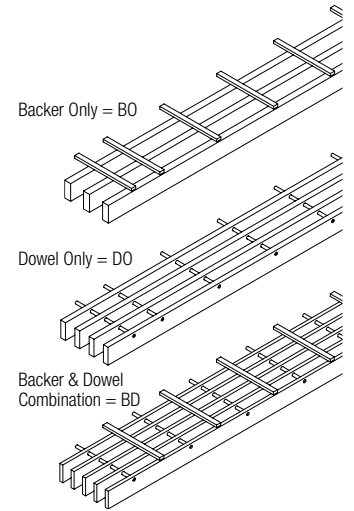
◆ When specifying or ordering please include the installation type and color suffixes (e.g., 7092 B D G L C – 6 slats 3-1/4" Backer & Dowel in Grille Light Cherry).
 Installation suffixes: BO = Backer, DO = Dowel, BD = Backer & Dowel Combination
 NOTE: For additional color and size options, or curved applications options with flexible Backers (special order), call TechLine at 1 877 276-7876.
 * Actual panel length is 95"
 NOTE: Panel backers are black. Custom backer colors available.

ACOUSTICAL INFORMATION

Dots represent high level of performance.

Infill Panel Item Number	NRC	+	CAC	=	Total Acoustics NRC CAC
5823 or 6657	0.85		28		-
8200T10	0.75		28		-

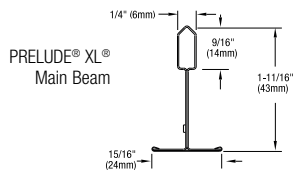
SUFFIX GUIDE



ACCESSORIES

Item No. ◆	Description	Dimensions Nominal W x L (Inches)	Color	Pcs/Ctn	Item Number ◆	Description	Dimensions Nominal W x L (Inches)	Color	Pcs/Ctn
5672_ _ _	Junction – 1-3/8"	1-1/2 x 96 x 2"	All finishes	Bulk	5688	Dowel Clip	3/8 x 7/8 x 7/8"	N/A	250 pcs/pail
5674_ _ _	End Cap – 1-3/8"	3/4 x 96 x 2"	All finishes	Bulk	5671_ _ _	Ledger	1 x 96 x 1/4"	All finishes	Bulk
5675_ _ _	End Cap – 2-1/4"	3/4 x 96 x 2-3/4"	All finishes	Bulk	7891	12-Gauge Soft Hanger Wire	144" Length	N/A	140
7170_ _ _	End Cap – 3-1/4"	3/4 x 96 x 3-3/4"	All finishes	Bulk	6459BL	Uptight Clip	5-1/2" x 1-3/4"	Black	25
7171_ _ _	End Cap – 4-1/4"	3/4 x 96 x 4-3/4"	All finishes	Bulk	RC2BL	RC2 Radius Clip	N/A	Black	205
7172_ _ _	End Cap – 5-1/4"	3/4 x 96 x 5-3/4"	All finishes	Bulk	7239	Adjustable Trim Clip	-	N/A	50
5687	Backer Clip	3/8 x 11/16 x 7/8"	N/A	250 pcs/pail	◆ When specifying or ordering, include the 3-letter color suffix that coordinates with your WoodWorks ceiling: (e.g., 5671 G M P). NOTE: For integration with Axiom® trim (Black recommended for use with Solid Wood).				

SUSPENSION SYSTEMS



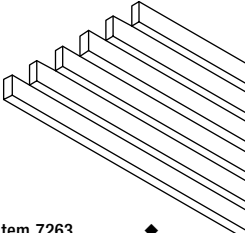
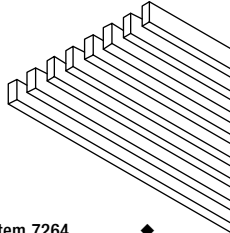
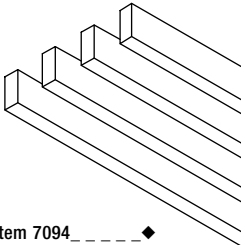
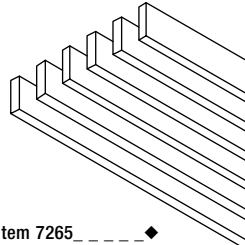
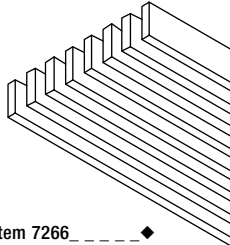
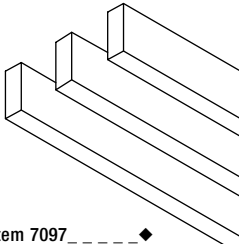
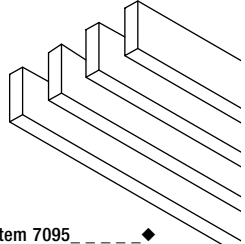
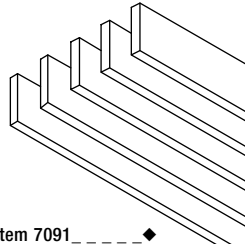
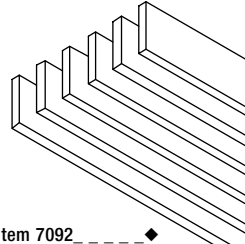
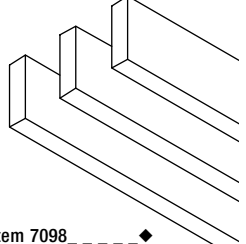
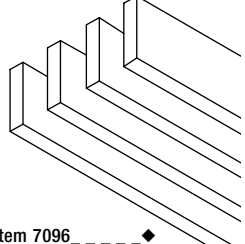
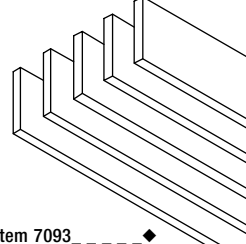
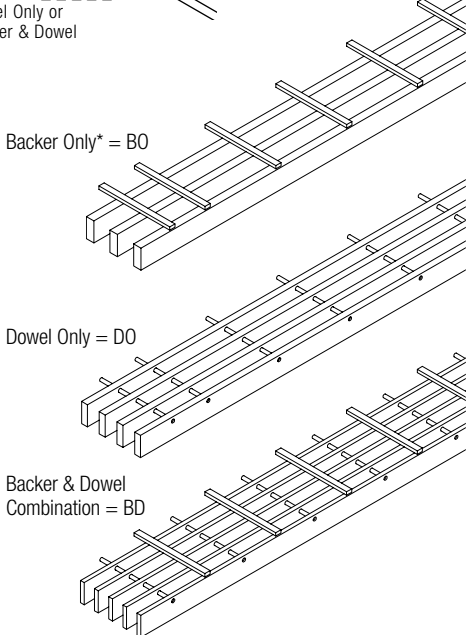
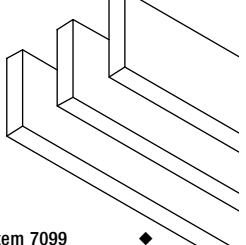
TRIM AND ACOUSTICAL INFILL PANELS

Trim and infill panels available.
 Visit armstrongceilings.com/woodworks

WOODWORKS® Grille

Solid Wood Backer, Dowel, and Backer & Dowel Combination

STANDARD SIZES

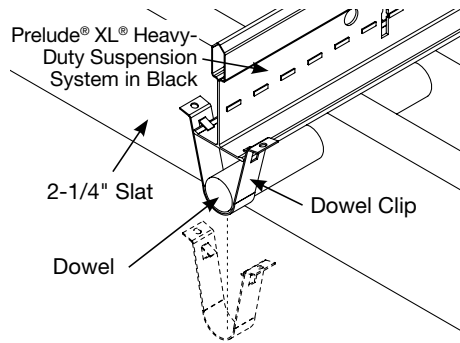
	1-1/4" SLAT WIDTH	1" SLAT WIDTH	5/8" SLAT WIDTH		
	3 Slats Per Panel	4 Slats Per Panel	5 Slats Per Panel	6 Slats Per Panel	8 Slats Per Panel
1-3/8" SLAT HEIGHT				 <p>Item 7263 Backer Only* or Dowel Only</p>	 <p>Item 7264 Backer Only* or Dowel Only</p>
2-1/4" SLAT HEIGHT		 <p>Item 7094 Backer Only* or Dowel Only</p>		 <p>Item 7265 Backer Only* or Dowel Only</p>	 <p>Item 7266 Backer Only* or Dowel Only</p>
3-1/4" SLAT HEIGHT	 <p>Item 7097 Backer Only* or Dowel Only</p>	 <p>Item 7095 Backer Only* or Dowel Only</p>	 <p>Item 7091 Dowel Only or Backer & Dowel</p>	 <p>Item 7092 Dowel Only or Backer & Dowel</p>	
4-1/4" SLAT HEIGHT	 <p>Item 7098 Dowel Only or Backer & Dowel</p>	 <p>Item 7096 Dowel Only or Backer & Dowel</p>	 <p>Item 7093 Dowel Only or Backer & Dowel</p>	 <p>Backer Only* = BO</p> <p>Dowel Only = DO</p> <p>Backer & Dowel Combination = BD</p>	
5-1/4" SLAT HEIGHT	 <p>Item 7099 Dowel Only or Backer & Dowel</p>				

◆ When specifying or ordering please include the installation type and color suffixes (e.g., 7092 B D G L C – 6 slats 3-1/4" Backer & Dowel in Grille Light Cherry).
* Backer only panels are compatible with Integrated Light Connection Clip. See page 243A for lighting integration details

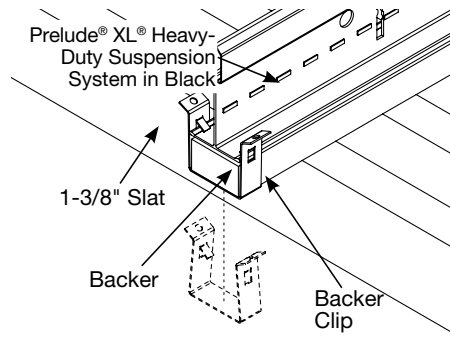
WOODWORKS® Grille

Solid Wood Backer, Dowel, and Backer & Dowel Combination

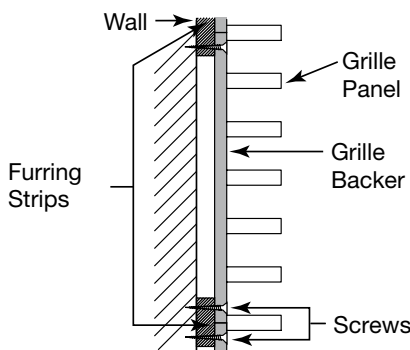
SYSTEM INSTALLATION DETAILS



Ceiling Dowel Assembly

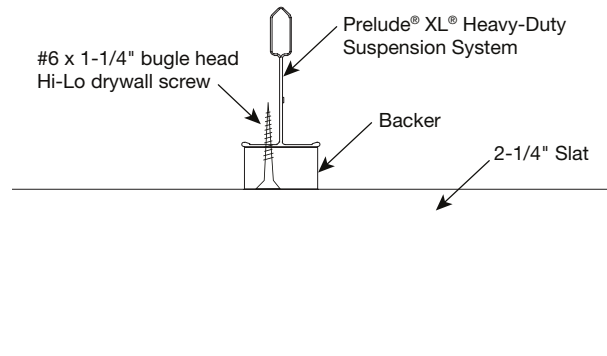


Ceiling Backer Assembly



Wall Backer Assembly

Slat sizes over 2-1/4" are not recommended for wall applications. Contact TechLine for details at 1 877 276-7876.



Screw Attachment Detail

NOTE: See WoodWorks® Grille installation instructions for details on faceted and seismic installations at armstrongceilings.com/woodworks

PHYSICAL DATA

Material

Dowel, Slats, Backers, and Tegral panels – solid Poplar (yellow or hybrid).

Surface Finish

Clear or tinted semi-gloss coating on all finishes except Grille White (GWH). Grille White (GWH) has a lacquer finish.

Fire Performance

Solid Poplar (yellow or hybrid) Hardwood Slats and Backers – Class C ASTM E84 surface burning characteristics. Flame Spread Index 200 or less. Smoke Developed Index 450 or less.

Fire performance will vary between wood species. Flame stop Class A coating available.

Class A intumescent treatment is available for all finishes except Grille White (GWH). Contact TechLine at 1 877 276-7876 for details.

These panels, as with other architectural features located at the ceiling, may obstruct or skew the planned fire sprinkler water distribution pattern,

or possibly delay or accelerate the activation of the sprinkler or fire detection systems by channeling heat from a fire either toward or away from the device. Consult a fire protection engineer, NFPA 13, and local codes for guidance where automatic fire detection and suppression systems are present.

Application Considerations

Variation among panels may occur due to the natural characteristics of the wood and grain.

Design Considerations

Custom slat and panel sizes available.

Backer & Dowel

For slat heights over 5", both Dowels and Backers are required for stability. Backer height is 1/2". Panel backers are black. Custom backer colors available.

Infill Panel Use

If no infill panel is used, unfinished parts of the suspension system and Axiom® trim will be visible from below.

Site Conditions

It is very important that panels are climatized prior to installation. Relative humidity between 25% and 55%, and temperatures between 50°F and 86°F, must be maintained.

Installation Consideration

When junction accessory is not used, the result will be a 1" gap between slat lengths.

Seismic Restraint

WoodWorks® Grille panels have been engineered, tested, and approved for application in all seismic areas when installed per Armstrong Ceilings installation instructions.

Warranty

Details at armstrongceilings.com

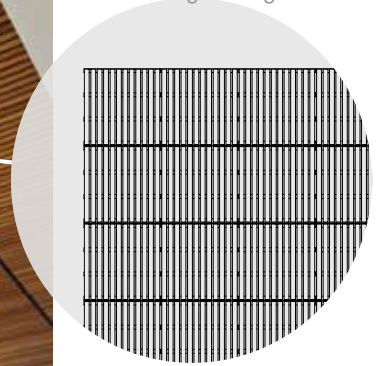
Weight

7263 – 0.8 lbs/SF	7091 – 1.6 lbs/SF
7264 – 1.1 lbs/SF	7092 – 1.9 lbs/SF
7094 – 1.4 lbs/SF	7098 – 2.5 lbs/SF
7265 – 1.3 lbs/SF	7096 – 2.7 lbs/SF
7266 – 1.8 lbs/SF	7093 – 2.1 lbs/SF
7097 – 1.9 lbs/SF	7099 – 3.1 lbs/SF
7095 – 2.1 lbs/SF	

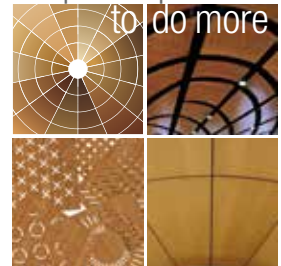
WOODWORKS® Grille Regular



CAD/Revit® drawings at:
armstrongceilings.com



plus capabilities
to do more



armstrongceilings.com/capabilities
See more photos at:
armstrongceilings.com/photogallery

WoodWorks® Grille Tegular in Light Cherry

Now get Total Acoustics® performance with WoodWorks® Grille Tegular horizontal slats – excellent noise reduction and sound blocking in one system.

KEY SELECTION ATTRIBUTES

- new** • Integrated downlighting solutions from USAI® sit perfectly flush with the panel face for a sleek visual
- Lighting solutions are certified for fit and finish and engineered to be supported by standard Armstrong suspension systems for use in all areas, including seismic DEF zones.
- Integrate linear lights seamlessly with the Integrated Light Connection Clip and lights from Backlight® srl, XAL® or T-BAR LED™ lights from JLC-Tech
- Get total noise control and design flexibility with Total Acoustics® ceiling panels: NRC + CAC = Total Acoustics® performance
- Painted white finish for even more design flexibility
- Vertical slats are deeper than they are wide creating a more open feel
- Horizontal slats are wider than they are deep creating a warm, more solid look
- 24" x 24" and 24" x 48" sizes available in vertical and horizontal slat designs
- FSC® Certification available upon request
- Panels are designed so the suspension system virtually disappears
- Tegular panels with backers easily install on standard suspension system
- Create continuous looks and clouds with Axiom® or solid wood trim
- Panels are accessible without the use of clips

*Now, Lighting
Integration
Made Easy*



DOWNLIGHTING: WoodWorks® Grille Tegular panel with USAI® BeveLED Mini® for WoodWorks light fixture.

FINISH SELECTION

Due to printing limitations, shade may vary from actual product.

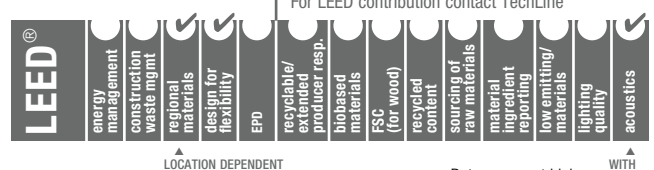


LINEAR LIGHTING: WoodWorks® Grille Tegular with JLC-Tech T-BAR LED™.



LINEAR LIGHTING: WoodWorks® Grille Tegular vertical slats in Maple with 5-1/4" x 23-3/8" linear light fixture.

WOODWORKS® Grille Regular



For LEED contribution contact TechLine

VISUAL SELECTION

PERFORMANCE

LOCATION DEPENDENT

Dots represent high level of performance.

WITH INFILL PANEL

ACOUSTICAL INFORMATION

Performance determined by slat spacing

Item Number	Infill Panel Item Number	NRC	+	CAC	=	Total Acoustics ¹
662808 9/16" Tegular 	5823	0.75		N/A		–
	1713BL	0.75		35		BETTER
	2820BK	0.85		35		BEST
662812 15/16" Tegular 	5823	0.75		N/A		–
	1713BL	0.75		35		BETTER
	2820BK	0.85		35		BEST

¹ Total Acoustics® ceiling panels have an ideal combination of noise reduction and sound-blocking performance in one product.
GOOD (NRC 0.60-0.65; CAC 35+)
BETTER (NRC 0.70-0.75; CAC 35+)
BEST (NRC 0.80+; CAC 35+)

Edge Profile	Item No. ♦	Description	Dimensions Nominal W x L x H (Inches)	% Open Area
FSC®-certified WOODWORKS® Grille Tegular for 9/16" Suspension System				
	662808 _ _ _	1/2" x 1-1/2" 12 horizontal slats	24 x 24 x 1" <input type="checkbox"/>	23%
	663008 _ _ _	1/2" x 1-1/2" 12 horizontal slats	24 x 48 x 1" <input type="checkbox"/>	23%
	662912 _ _ _	1/2" x 1-1/2" 12 vertical slats	24 x 24 x 2" <input type="checkbox"/>	74%
	FSC®-certified WOODWORKS Grille Tegular for 15/16" Suspension System			
	662812 _ _ _	1/2" x 1-1/2" 10 horizontal slats	24 x 24 x 1" <input type="checkbox"/>	34%
	663012 _ _ _	1/2" x 1-1/2" 10 horizontal slats	24 x 48 x 1" <input type="checkbox"/>	34%
	663112 _ _ _	1/2" x 1-1/2" 12 vertical slats	24 x 48 x 2" <input type="checkbox"/>	74%

♦ When specifying or ordering, include the appropriate 3-letter color suffix (e.g., 663008 **G L C**).
 NOTE: For additional color and size options, call TechLine at 1 877 276-7876.

TRIM

Item No. ♦	Description	Dimensions Nominal W x L x H (Inches)	Color	Pcs./ Ctn.
7146 _ _ _	Solid Wood Trim	4 x 120 x 3/4"	GWH, GMP, GLC, GDC, GWN	Bulk

Axiom® Vector® Trim

ACCESSORIES

Item No.	Description	Dimensions Nominal W x L (Inches)	Color	Pcs./ Ctn.
AXTBC	T-Bar Connector Clip	N/A	N/A	10
AXSPLICE	Splice Plate with Setscrews	N/A	N/A	10
SH12	Support Hanger	2" x 144"	N/A	12
5823	BioAcoustic™ Infill Panel	24 x 24 x 5/8"	Black (Matte)	12
1713BL	School Zone® Fine Fissured™ Square Lay-in Acoustic Panel	24 x 24 x 3/4"	Tech Black	14
2820BK	Calla® Square Lay-in Acoustic Panel	24 x 24 x 1"	Black	10
7239	Adjustable Trim Clip	–	50	N/A

NOTE: Adjustable Trim Clip for integration with trim when face of panel should be level with bottom flange of trim.

TRIM AND ACOUSTICAL INFILL PANELS

Trim and infill panels available.
 Visit armstrongceilings.com/woodworks

SUSPENSION SYSTEM

15/16"	Prelude® XL® (Black recommended), 360° Painted with 4" cross tee rout holes at 12"
9/16"	Suprafine® XL® 9/16" Exposed Tee (Black recommended)

PHYSICAL DATA

Material
 Solid Poplar (yellow or hybrid) (RA-COC-003601)

Surface Finish
 Clear or tinted semi-gloss coating on all finishes except Grille White (GWH). Grille White (GWH) has a lacquer finish.

Fire Performance
 Solid Poplar Hardwood Slats and Backers – ASTM E84 surface burning characteristics. Flame Spread Index 200 or less. Smoke Developed Index 450 or less.

Fire performance will vary between species. Class A intumescent treatment is available for all finishes except Grille White (GWH). Results will vary on a project-by-project basis. Contact TechLine at 1 877 276-7876 for details.

WoodWorks® Grille, as with other architectural features located at the ceiling, may obstruct or skew the planned fire sprinkler water distribution pattern, or possibly delay or accelerate the activation of the sprinkler or fire detection systems by channeling heat from a fire either toward or away from the device. Designers and installers are advised to consult a fire protection engineer, NFPA 13, and local codes for guidance where automatic fire detection and suppression systems are present. For more fire performance information, visit armstrongceilings.com/grille

Acoustics Considerations
 NRC-tested using White panels. Painted panels may experience a slight reduction in NRC due to color painting processes.

Application Considerations
 Variation among panels may occur due to the natural characteristics of the wood and grain.

Design Considerations

If no infill panel is used, unfinished parts of the suspension system and Axiom® trim will be visible from below.

Item 662912 24" x 24" vertical slat panels are designed for basketweave pattern only. An uneven reveal between slats will be visible, if installed in a linear fashion.

Seismic Restraint

WoodWorks Grille has been engineered, tested, and approved for application in all seismic areas when installed per Armstrong Ceilings installation instructions.

Warranty

Details at armstrongceilings.com

Weight (Bulk packaged)

662808, 662912, 663008, 663112 – 0.875 lbs/SF
 662812, 663012 – 0.775 lbs/SF

TAKE THE NEXT STEP

1 877 276 7876

Customer Service Representatives
7:45 a.m. to 5:00 p.m. EST
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