



ARCHITECTURAL
Bling[®]
"Architectural Decorative Elements"

WOOD
WORKS[®]

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
- ▶ FSC® and Rainforest Alliance® Certification available upon request

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.

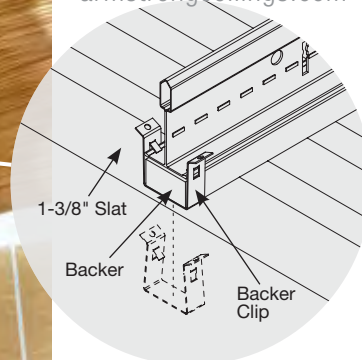
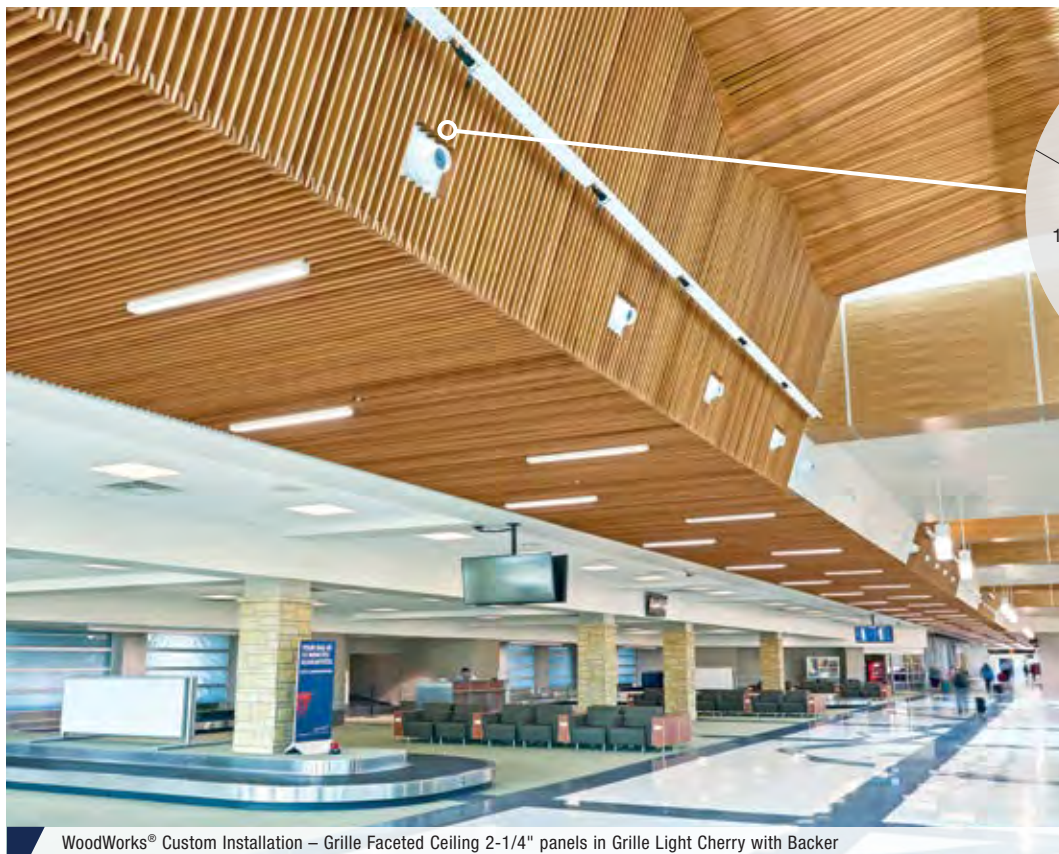
▼ WoodWorks® Grille Custom; Gourley Plaza Mercantile Center, Ft. Worth, TX; VLK Architects, Ft. Worth, TX



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® Custom Installation – Grille 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

- 13 pre-designed panels with new slat heights and widths
- Custom slat sizes and finishes available for every project
- Now, 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 and dowel combination
- FSC® and Rainforest Alliance Certified wood options available

FINISH SELECTION

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



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

WOODWORKS® Grille

Solid Wood Backer, Dowel, and Backer & Dowel Combination

For LEED contribution contact TechLine



LOCATION DEPENDENT

WITH INFILL PANEL

VISUAL SELECTION

Edge Profile	Item No. ◆	Custom Slat Sizes Available			Custom Panel Sizes Available		Dimensions (Inches) Nominal W x L x H*
		Slat Width	Slat Height	Slats Per Panel	Slat Spacing (Nominal)		
Backer, Dowel, or 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	
	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	
	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	
	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	
	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	
	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	
	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	
	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	
	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	
	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	
	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	
	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	
	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	

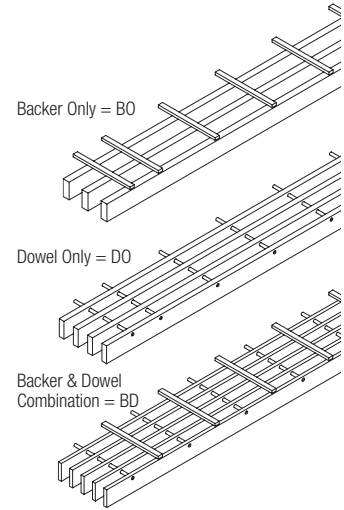
◆ When specifying or ordering please include the installation type and color suffixes (e.g., 7092 **B D G L C** – 6 slats 3-1/4" Backer & Dowel in Grille Light Cherry).
Installation suffixes: BO = Backer, DO = Dowel, BD = Backer & Dowel Combination
NOTE: For additional color and size options, or curved 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
	NRC	CAC	
5823	0.85	28	-
or	•		
6657	0.75		
•			
8200100	0.90	28	-
•			

SUFFIX GUIDE



ACCESSORIES

Item No. ◆	Description	Dimensions Nominal W x L (Inches) Custom Sizes Available	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	92715A620	Self-tapping Screws	#2 x 3/4" Length	Black	25
7171 _ _ _	End Cap – 4-1/4"	3/4 x 96 x 4-3/4"	All finishes	Bulk	6459BL	Uptight Clip	5-1/2" x 1-3/4"	Black	25
7172 _ _ _	End Cap – 5-1/4"	3/4 x 96 x 5-3/4"	All finishes	Bulk	RC2BL	RC2 Radius Clip	N/A	Black	205
5687	Backer Clip	3/8 x 11/16 x 7/8"	N/A	250 pcs/pail	7239	Adjustable Trim Clip	-	N/A	50

◆ 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

15/16"



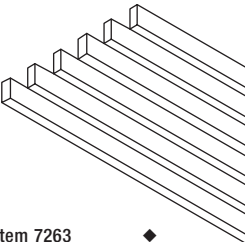
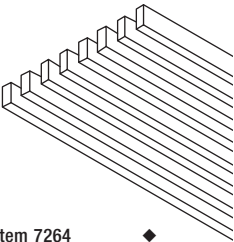
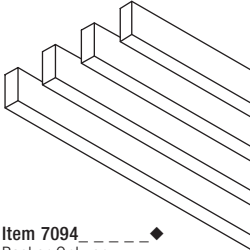
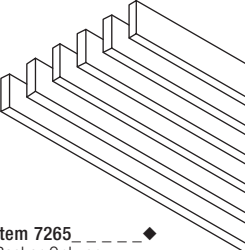
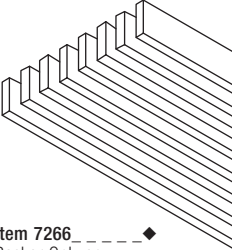
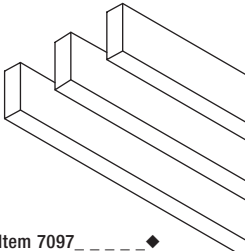
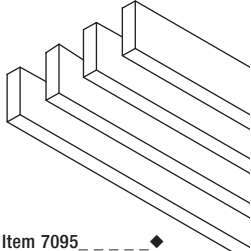
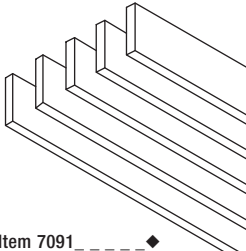
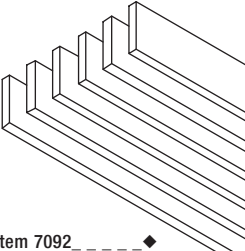
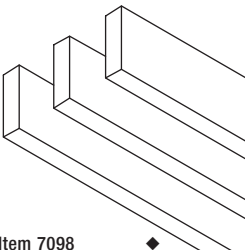
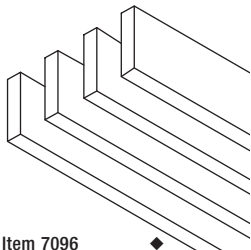
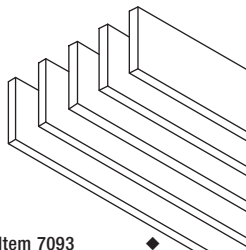
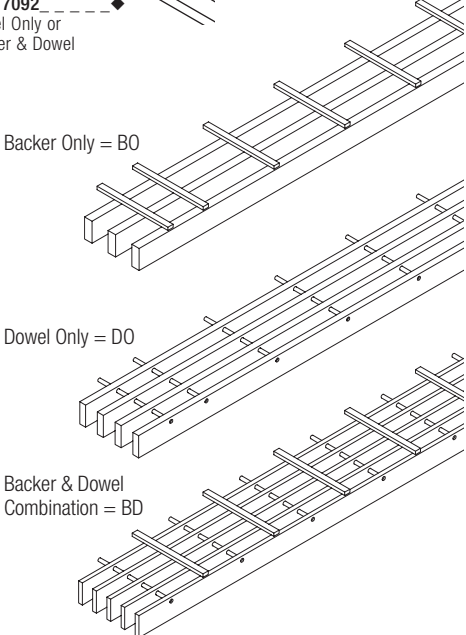
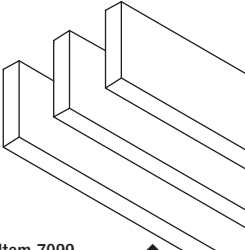
TRIM AND ACOUSTICAL INFILL PANELS

Trim and infill panels available. See pages 252-253 in this catalog or visit armstrongceilings.com/woodworks

WOODWORKS® Grille

Solid Wood Backer, Dowel, and Backer & Dowel Combination

STANDARD SIZES

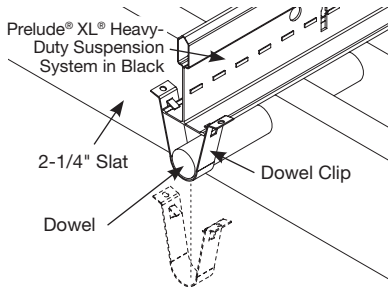
	1-1/4" SLAT WIDTH 3 Slats Per Panel	1" SLAT WIDTH 4 Slats Per Panel	5 Slats Per Panel	5/8" SLAT WIDTH 6 Slats Per Panel	8 Slats Per Panel
1-3/8" SLAT HEIGHT				 Item 7263 Backer Only or Dowel Only	 Item 7264 Backer Only or Dowel Only
2-1/4" SLAT HEIGHT		 Item 7094 Backer Only or Dowel Only		 Item 7265 Backer Only or Dowel Only	 Item 7266 Backer Only or Dowel Only
3-1/4" SLAT HEIGHT	 Item 7097 Backer Only or Dowel Only	 Item 7095 Backer Only or Dowel Only	 Item 7091 Dowel Only or Backer & Dowel	 Item 7092 Dowel Only or Backer & Dowel	
4-1/4" SLAT HEIGHT	 Item 7098 Dowel Only or Backer & Dowel	 Item 7096 Dowel Only or Backer & Dowel	 Item 7093 Dowel Only or Backer & Dowel		
5-1/4" SLAT HEIGHT	 Item 7099 Dowel Only or Backer & Dowel				

◆ 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).

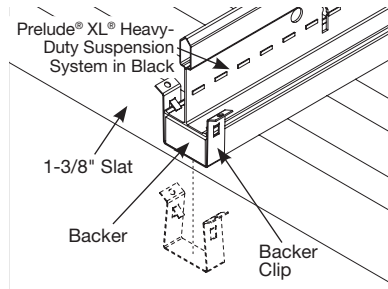
WOODWORKS® Grille

Solid Wood Backer, Dowel, and Backer & Dowel Combination

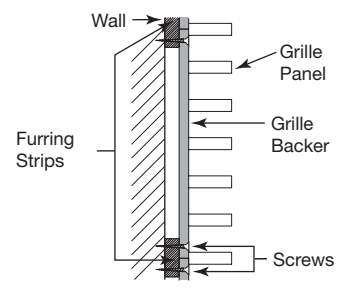
SYSTEM INSTALLATION DETAILS



Ceiling Dowel Assembly

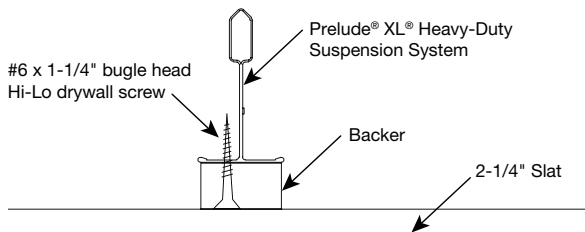


Ceiling Backer Assembly



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



ACOUSTICAL PERFORMANCE

Noise Reduction Coefficient, or NRC, is a measure for rating the overall sound absorption of a material when used in an enclosed architectural space such as an office, where sound is reflected at many angles of incidence. WoodWorks® Grille has an NRC value of 0.85 when installed with a BioAcoustic™ infill panel 5823.

NRC is important in any closed space where reverberation time and noise levels are an issue:

- Closed offices, conference rooms
- Mixed plan office
- Lobby, reception, and work areas
- Classrooms/core learning areas, gymnasiums, cafeterias
- Retail spaces; checkout and other customer contact areas

Factors that may affect the installed acoustical performance relative to the published results are:

- Size of area
- Number of panels
- Layout of panels
- Suspension distance below exposed deck or finished ceiling
- Other surfaces in the space

Ceiling	Exposed Structure (no Ceiling)	Ultima® (100% Ceiling)	WoodWorks® Grille (100% Ceiling)
Reverberation Time (RT)	3.4 seconds	0.5 seconds	0.5 seconds
RT Improvement	N/A	85%	85%
Background Noise Reduction in Decibels (dB)	N/A	4.7dB	5.8dB

NOTE: You can calculate the acoustical difference that WoodWorks Grille panels can make in your space by using our online Reverb Calculator Tool at armstrongceilings.com/reverbtool

PHYSICAL DATA

Material

Dowel, Slats, Backers, and Tegular 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

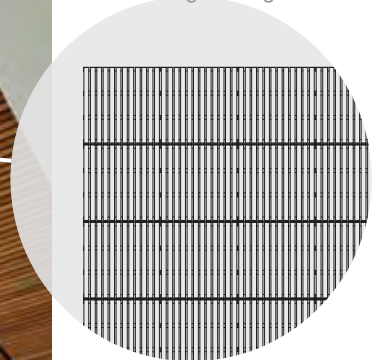
Weight

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

WOODWORKS® Grille Tegular



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

- 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® and Rainforest Alliance® 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 downward accessible without the use of clips

FINISH SELECTION

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



TOTAL ACOUSTICS® PANEL INSTALLATION

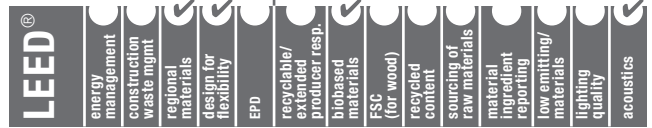


WoodWorks® Grille ceiling panel with Calla® 2820BK acoustic infill panel for Total Acoustics® performance

WOODWORKS® Grille Tegular



For LEED contribution contact TechLine



VISUAL SELECTION

Edge Profile	Item No. ♦	Description	Dimensions Nominal W x L x H (Inches) Custom Sizes Available
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" □
	663008_ _ _	1/2" x 1-1/2" 12 horizontal slats	24 x 48 x 1" □
	662912_ _ _	1/2" x 1-1/2" 12 vertical slats	24 x 24 x 2" □
	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" □
	663012_ _ _	1/2" x 1-1/2" 10 horizontal slats	24 x 48 x 1" □
	663112_ _ _	1/2" x 1-1/2" 12 vertical slats	24 x 48 x 2" □

♦ When specifying or ordering, include the appropriate 3-letter color suffix (e.g., 663008 G L Q).
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 (Details can be found on pgs. 252-253)

TRIM AND ACOUSTICAL INFILL PANELS

Trim and infill panels available. See Pgs. 252-253 in this catalog or 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 semigloss 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.

PERFORMANCE

ACOUSTICAL INFORMATION

Performance determined by slat spacing

Item Number	Infill Panel Item Number	NRC	CAC	Total Acoustics ¹ NRC + CAC
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+)

For infill panel information, refer to Pg. 253.

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	144 x 2"	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
new 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.

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 checkerboard 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



ARCHITECTURAL
Bling[®]
"Architectural Decorative Elements"

214 613 2285

Customer Service Representatives
9:00 a.m. to 5:00 p.m. CST
Monday through Friday

TechLine – Technical information, detail drawings,
CAD design assistance, installation information, other
technical services – 8:00 a.m. to 5:30 p.m. CST,
or email: TechLine@ArchitecturalBling.com

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Detail drawings
Specifications
Planning and budgeting

Pre-construction Assistance

Layout drawings for standard
and premium products
Project installation recommendations
Contractor installation assistance

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