

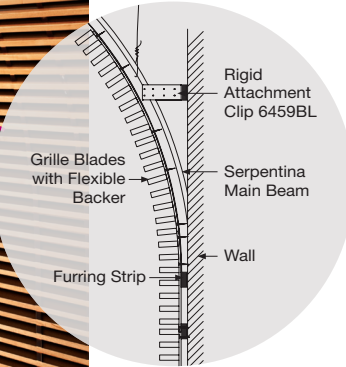
WOODWORKS® Grille

Solid Wood Backer & Dowel

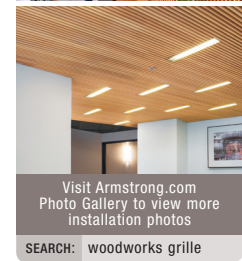
FSC® and Rainforest Alliance Certifications are available on request



The mark of responsible forestry



cloud friendly



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SEARCH: woodworks grille

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

ADDITIONAL ATTRIBUTES



Backer & Dowel

- Two blade sizes available in four rich finishes
- Easy installation with dowel or backer
- Install in the ceiling, on the wall, or create 90° angled or faceted ceiling-to-wall transitions
- Excellent sound absorption with acoustical infill panel (NRC 0.75)
- Custom blade size, finish, and FSC®-certified options available
- Custom curved application available with flexible backer

VISUAL SELECTION

PERFORMANCE

Dots represent high level of performance.

Edge Profile	Item Number ♦	Description	Dimensions (Inches) Nominal W x L x H	Acoustics NRC*	Fire Rating
WOODWORKS Grille – Backer and Dowel					
	5663 _ _ _ _ ♦	1-3/8" 6 blades	12 x 96 x 1-7/8" with Backer 12 x 96 x 1-3/8" with Dowel	0.75 •	See physical data pg. 121
	5664 _ _ _ _ ♦	1-3/8" 8 blades	12 x 96 x 1-7/8" with Backer 12 x 96 x 1-3/8" with Dowel	0.75 •	See physical data pg. 121
	5665 _ _ _ _ ♦	2-1/4" 6 blades	12 x 96 x 2-3/4" with Backer 12 x 96 x 2-1/4" with Dowel	0.75 •	See physical data pg. 121
	5666 _ _ _ _ ♦	2-1/4" 8 blades	12 x 96 x 2-3/4" with Backer 12 x 96 x 2-1/4" with Dowel	0.75 •	See physical data pg. 121

♦ When specifying or ordering Backer or Dowel panels, please include the installation type and color suffixes (e.g., 5663 B Q G L C – 6 blades 1-3/8" Backer in Grille Light Cherry).
Installation suffixes: BO = Backer, DO = Dowel

* NRC 0.75 with acoustical infill Item 5823.

NOTE: For additional color and size options, as well as curved applications requiring flexible Backers available as special order, call Architectural Specialties at 1 877 ARMSTRONG and select options 1-1-4.

WOODWORKS® Grille


Solid Wood Backer & Dowel

LEED®

- acoustics
- energy
- certified wood
- indoor air quality
- renewable materials
- recycled content
- waste mgmt
- local* materials

Calculate LEED contribution at armstrong.com/greengenie *LOCATION DEPENDENT

ACCESSORIES

Item Number	Description	Dimensions (Inches) Nominal W x L x H	Color	Pieces/Carton
 5687	Backer Clip	3/8 x 11/16 x 7/8"	N/A	250 pcs/pail
 5688	Dowel Clip	3/8 x 7/8 x 7/8"	N/A	250 pcs/pail
5671 _ _ _ **	Ledger	1 x 96 x 1/4"	See Finishes Below	Bulk
 5672 _ _ _ **	Junction – 1-3/8"	1-1/2 x 96 x 2"	See Finishes Below	Bulk
 5673 _ _ _ **	Junction – 2-1/4"	1-1/2 x 96 x 2-3/4"	See Finishes Below	Bulk
 5674 _ _ _ **	End Cap – 1-3/8"	3/4 x 96 x 2"	See Finishes Below	Bulk
 5675 _ _ _ **	End Cap – 2-1/4"	3/4 x 96 x 2-3/4"	See Finishes Below	Bulk
7891	12 Gauge Soft Hanger Wire	144" Length	N/A	140
92715A620	Self-tapping Screws	#2 x 3/4" Length	Black	25
6459BL	Uptight Clip	5-1/2 x 1-3/4"	Black	25
RC2BL	RC2 Radius Clip	N/A	Black	205

** When specifying or ordering, include the 3-letter color suffix that coordinates with your WoodWorks ceiling: (e.g., 5671 **G M P**).

TRIM AND ACOUSTICAL INFILL PANELS

Trim and infill panels available. See pages 135-136 in this catalog or visit armstrong.com/woodworks

FINISHES

Grille Maple (GMP) Grille Dark Cherry (GDC)
Grille Light Cherry (GLC) Grille Walnut (GWN)

SUSPENSION SYSTEM

15/16"	Prelude® XL® (Black recommended), 360° Painted with 48" cross tee rout holes at 12"
15/16"	Serpentina® Main Beam (for use with Flexible Backers) in Black

NOTE: For ceilings with a radius of 12-1/2" or greater, use standard panels and 15/16" main beams faceted 12" on center with RC2 Radius Clips (RC2BL).

PHYSICAL DATA – Backer & Dowel; Tegalur Panels

Material

Blades, Backers, and Tegalur panels – solid Poplar (yellow or hybrid).
Dowels – solid Birch.

Surface Finish

Clear or tinted semigloss coating

Fire Performance

Solid Poplar (yellow or hybrid) Hardwood Blades and Backers
Solid Birch Hardwood Dowels
Solid Poplar (yellow or hybrid) Hardwood Blades and Backers – ASTM E84 surface burning characteristics. Flame Spread Index 200 or less. Smoke Developed Index 450 or less.
Class A intumescent treatment is available.
Fire performance will vary between wood species.
Contact TechLine at 1 877 ARMSTRONG 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.

Application Considerations

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

Design Considerations

Backer & Dowel
For blade heights over 5", both Dowels and Backers are required for stability. Blade sizes over 2-1/4" are not recommended for wall applications. Contact the Architectural Specialties project management team for details at 1 877 ARMSTRONG and select options 1-1-4.

Tegalur Panels

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

It is very important that WoodWorks 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

Backer and Dowel – when junction accessory is not used, leave 1" gap between blade lengths.

Seismic Restraint

WoodWorks Grille has been engineered, tested, and approved in all seismic areas.

Warranty

Warranty details at armstrong.com/warranty

Weight; Square Feet/Carton

5663 – 2.0 lbs/SF
5664 – 2.6 lbs/SF
5665 – 2.8 lbs/SF
5666 – 3.6 lbs/SF
662808, 662912, 663008, 663112 - 0.875 lbs/SF
662812, 663012 - 0.775 lbs/SF

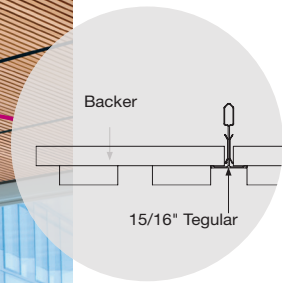
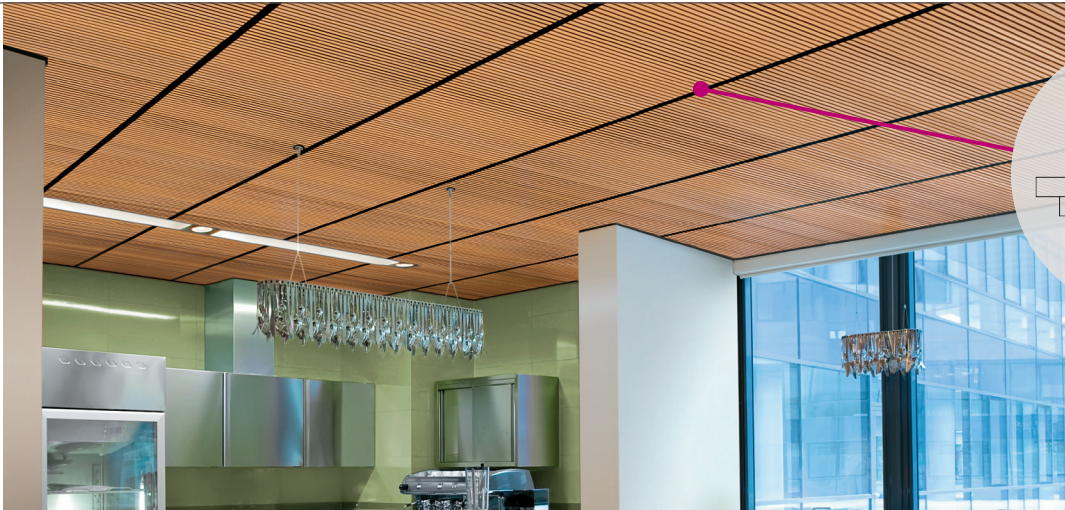
WOODWORKS® Grille

Solid Wood Tegular Panels

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WoodWorks Grille Tegular item 663012, 24" x 48" with 10 Horizontal Blades in Grille Maple on Prelude® 15/16" suspension system in Black

ADDITIONAL ATTRIBUTES



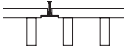


Tegular Panels

- Panels feature solid wood blades that can be installed in a linear fashion or patterned for endless variety
- Vertical blades are deeper than they are wide creating a more open feel
- Horizontal blades 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 blade designs
- Panels are designed so the suspension system virtually disappears
- Four standard finishes; custom finishes available
- Excellent sound absorption with acoustical infill panel (up to 0.85 NRC)
- Tegular panels with backers easily install on standard suspension system
- Create continuous looks and clouds with Axiom® trim

VISUAL SELECTION

PERFORMANCE

Dots represent high level of performance.

Edge Profile	Item Number ♦	Description	Dimensions (Inches) Nominal W x L x H	Acoustics NRC* 	Fire Rating
WOODWORKS Grille Tegular for 15/16" Suspension System					
	15/16" Tegular with Horizontal Blades	662812 _ _ ♦	1/2" x 12-1/2" 10 horizontal blades	24 x 24 x 1" <input type="checkbox"/>	0.75 • See physical data pg. 121
		663012 _ _ ♦	1/2" x 12-1/2" 10 horizontal blades	24 x 48 x 1" <input type="checkbox"/>	0.75 • See physical data pg. 121
	15/16" Tegular with Vertical Blades	663112 _ _ ♦	1/2" x 12-1/2" 12 vertical blades	24 x 48 x 2" <input type="checkbox"/>	0.85 • See physical data pg. 121
WOODWORKS Grille Tegular for 9/16" Suspension System					
	9/16" Tegular with Horizontal Blades	662808 _ _ ♦	1/2" x 12" 12 horizontal blades	24 x 24 x 1" <input type="checkbox"/>	0.75 • See physical data pg. 121
		663008 _ _ ♦	1/2" x 12" 12 horizontal blades	24 x 48 x 1" <input type="checkbox"/>	0.75 • See physical data pg. 121
	9/16" Tegular with Vertical Blades	662912 _ _ ♦	1/2" x 12" 12 vertical blades	24 x 24 x 2" <input type="checkbox"/>	0.85 • See physical data pg. 121

♦ When specifying or ordering, please include the appropriate 3-letter color suffix (e.g., 663008 G L C).

* NRC 0.75 or 0.85 with acoustical infill item 5823.

NOTE: For additional color and size options, call Architectural Specialties at 1 877 ARMSTRONG and select options 1-1-4.

SUSPENSION SYSTEM

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

FINISHES

Grille Maple (GMP)	Grille Dark Cherry (GDC)
Grille Light Cherry (GLC)	Grille Walnut (GWN)

TRIM AND ACOUSTICAL INFILL PANELS

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