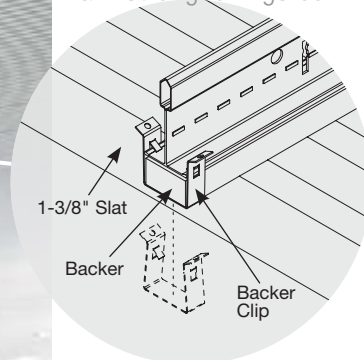


WOODWORKS® Grille

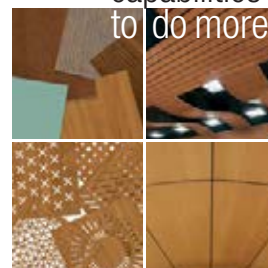
Solid Wood Backer, Dowel, and Backer & Dowel Combination



CAD/Revit® drawings at:
armstrongceilings.com



plus...
capabilities
to do more



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

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.



Grille White
(GWH)



Grille Maple
(GMP)



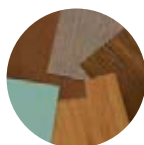
Grille Light
Cherry (GLC)



Grille Dark
Cherry (GDC)



Grille Walnut
(GWN)



Custom Finishes
Available

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

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. ♦	Slat Width	Slat Height	Slats Per Panel	Slat Spacing (Nominal)	Dimensions (Inches) Nominal W x L x H*
		Custom Slat Sizes Available			Custom Panel Sizes Available	
WOODWORKS Grille – Backer, Dowel, and Backer & Dowel Combination						
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	1.75"	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	1.75"	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

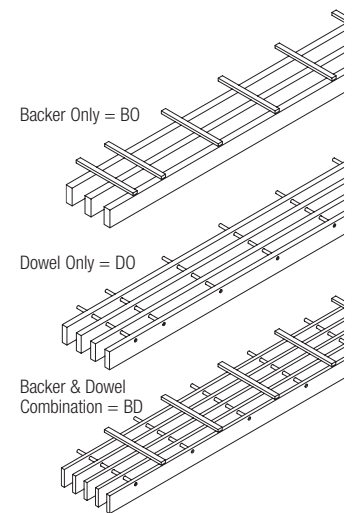
- ◆ When specifying or ordering please include the installation type and color suffixes (e.g., 7092 B D G L C – 6 slats 3-1/4" Backer & Dowel in Grille Light Cherry).
Installation suffixes: BO = Backer, DO = Dowel, BD = Backer & Dowel Combination
NOTE: For additional color and size options, or curved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

SUFFIX GUIDE



ACCESSORIES

Item No. ◆	Description	Dimensions Nominal W x L (Inches) Custom Sizes Available	Color (Refer to Pg. 185)	Pcs/ Ctn	Item Number ◆	Description	Dimensions Nominal W x L (Inches) Custom Sizes Available	Color (Refer to Pg. 185)	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	◆ When specifying or ordering, include the 3-letter color suffix that coordinates with your WoodWorks ceiling: (e.g., 5671 G M P).				

SUSPENSION SYSTEMS

15/16"



Heavy Duty Prelude® XL®
(Black recommended)

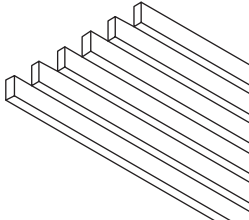
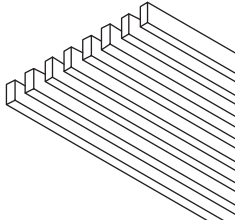
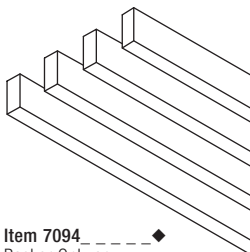
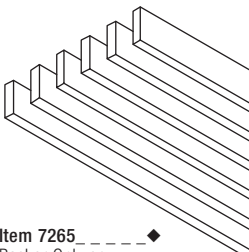
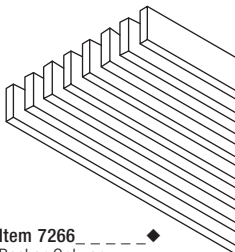
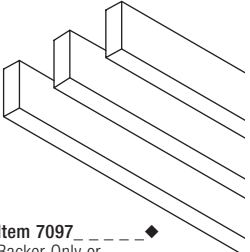
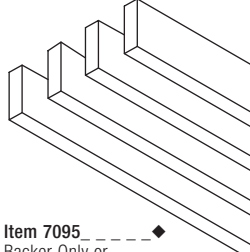
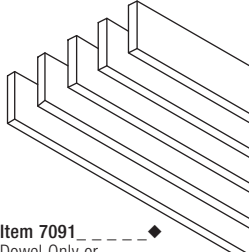
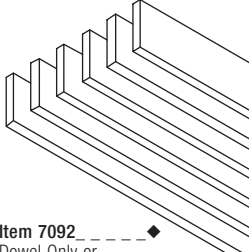
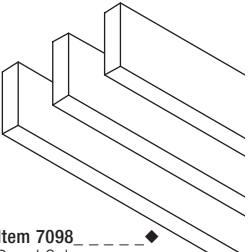
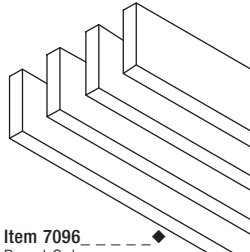
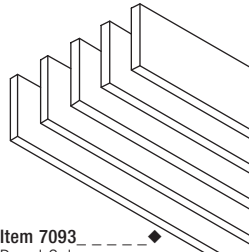
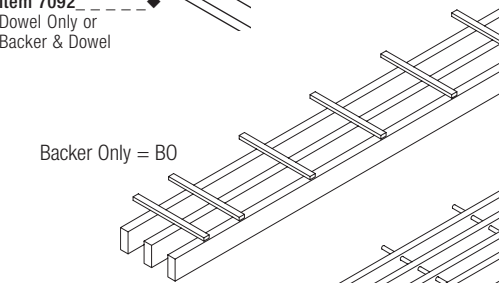
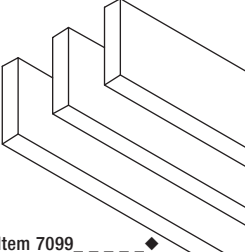
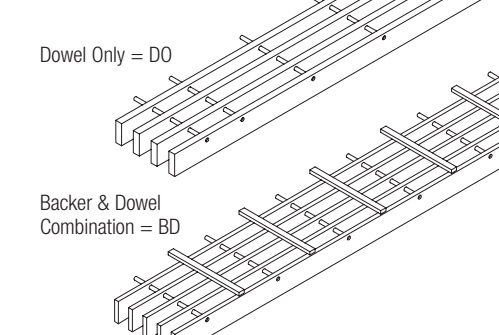
TRIM AND ACOUSTICAL INFILL PANELS

Trim and infill panels available. See pages 199-200 in this catalog or visit armstrongceilings.com/woodworks

WOODWORKS® Grille

Solid Wood Backer, Dowel, and Backer & Dowel Combination

STANDARD SIZES

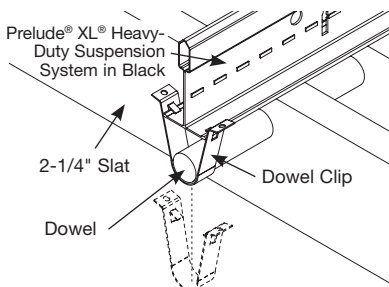
	1-1/4" SLAT WIDTH	1" SLAT WIDTH	5/8" SLAT WIDTH		
	3 Slats Per Panel	4 Slats Per Panel	5 Slats Per Panel	6 Slats Per Panel	8 Slats Per Panel
1-3/8" SLAT HEIGHT					
				Item 7263 Backer Only or Dowel Only	Item 7264 Backer Only or Dowel Only
2-1/4" SLAT HEIGHT					
		Item 7094 Backer Only or Dowel Only		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	Backer Only = B0 Dowel Only = D0	
5-1/4" SLAT HEIGHT					
	Item 7099 Dowel Only or Backer & Dowel			Backer & Dowel Combination = BD	

◆ 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).

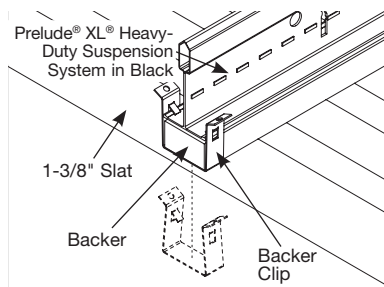
WOODWORKS® Grille

Solid Wood Backer, Dowel, and Backer & Dowel Combination

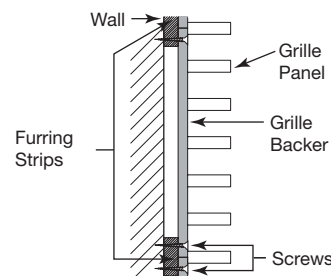
SYSTEM INSTALLATION DETAILS



Ceiling Dowel Assembly

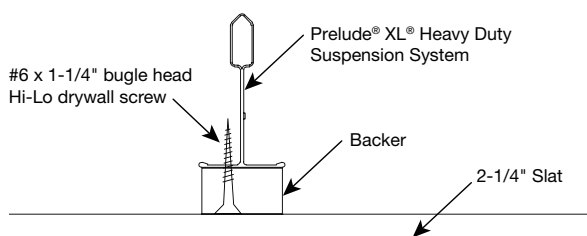


Ceiling Backer Assembly



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 installation.



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 semigloss 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
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. 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 – 2.0 lbs/SF
7264 – 2.6 lbs/SF
7265 – 2.8 lbs/SF
7091 – 3.2 lbs/SF
7093 – 3.0 lbs/SF
7092, 7094, 7097 – 3.4 lbs/SF
7095 – 3.5 lbs/SF
7266, 7096, 7098 – 3.6 lbs/SF
7099 – 4.37 lbs/SF