

Inspiring Great Spaces®



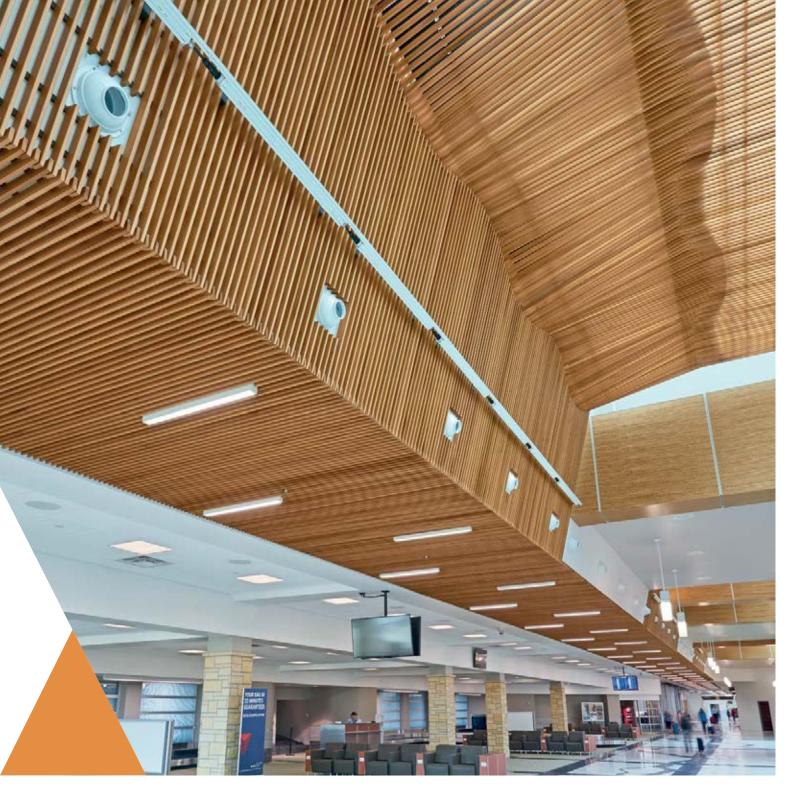
Broaden Your HORIZONS

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; 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; ULK Architects, Ft. Worth, TX



Solid Wood Backer, Dowel, and Backer & Dowel Combination



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.



(GWH)





Cherry (GLC)



Cherry (GDC)



(GWN)



Available

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



Solid Wood Backer, Dowel, and Backer & Dowel Combination



LOCATION DEPENDENT

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*
		Custo	m Slat Sizes	s Available		Custom Panel Sizes Available
WOODWORKS G	rille – Backer, Do	wel, and B	acker & [Dowel Comb	ination	
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: B0 = Backer, D0 = 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.

Dimensions

ACCESSORIES

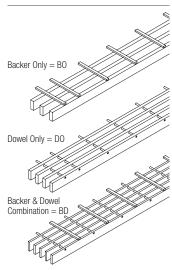
Actual panel length is 95" NOTE: Panel backers are black. Custom backer colors available.

ACOUSTICAL INFORMATION

Dots represent high level of performance.

Infill Panel Item Number			Total Acoustics ¹
Infii Iten	NRC +	CAC =	NRC CAC
5823	0.85	28	-
8200100	0.90	28	_

SUFFIX GUIDE



Item No. ◆	Description	Nominal W x L (Inches) Custom Sizes Available	Color Pcs/ (Refer to Ctn Pg. 185)	
5672	Junction – 1-3/8"	1-1/2 x 96 x 2"	All finishes Bulk	
5674	End Cap - 1-3/8"	3/4 x 96 x 2"	All finishes Bulk	
5675	End Cap - 2-1/4"	3/4 x 96 x 2-3/4"	All finishes Bulk	
	No. ◆ 5672 5674	No. ◆ 5672 Junction – 1-3/8" 5674 End Cap – 1-3/8"	No. ◆ (Inches) Custom Sizes Available 5672 Junction − 1-3/8" 1-1/2 x 96 x 2" 5674 End Cap − 1-3/8" 3/4 x 96 x 2"	No. ◆ (Inches) Custom Sizes Available (Refer to Pg. 185) Ctn 5672 Junction − 1 − 3/8" 1 − 1/2 x 96 x 2" All finishes Bulk 5674 End Cap − 1 − 3/8" 3/4 x 96 x 2" All finishes Bulk

			Available		
Д	5672	Junction – 1-3/8"	1-1/2 x 96 x 2"	All finishes	Bulk
	5674	End Cap - 1-3/8"	3/4 x 96 x 2"	All finishes	Bulk
	5675	End Cap - 2-1/4"	3/4 x 96 x 2-3/4"	All finishes	Bulk
	7170	End Cap - 3-1/4"	3/4 x 96 x 3-3/4"	All finishes	Bulk
	7171	End Cap - 4-1/4"	3/4 x 96 x 4-3/4"	All finishes	Bulk
	7172	End Cap - 5-1/4"	3/4 x 96 x 5-3/4"	All finishes	Bulk
	5687	Backer Clip	3/8 x 11/16 x 7/8"	N/A	250 pcs/pail

Item Number ◆	Description	Dimensions Nominal W x L (Inches) Custom Sizes Available	Color (Refer to Pg. 185)	Pcs/ Ctn
5688	Dowel Clip	3/8 x 7/8 x 7/8"	N/A	250 pcs/pail
5671	Ledger	1 x 96 x 1/4"	All finishes	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).

SUSPENSION SYSTEMS

15/16"



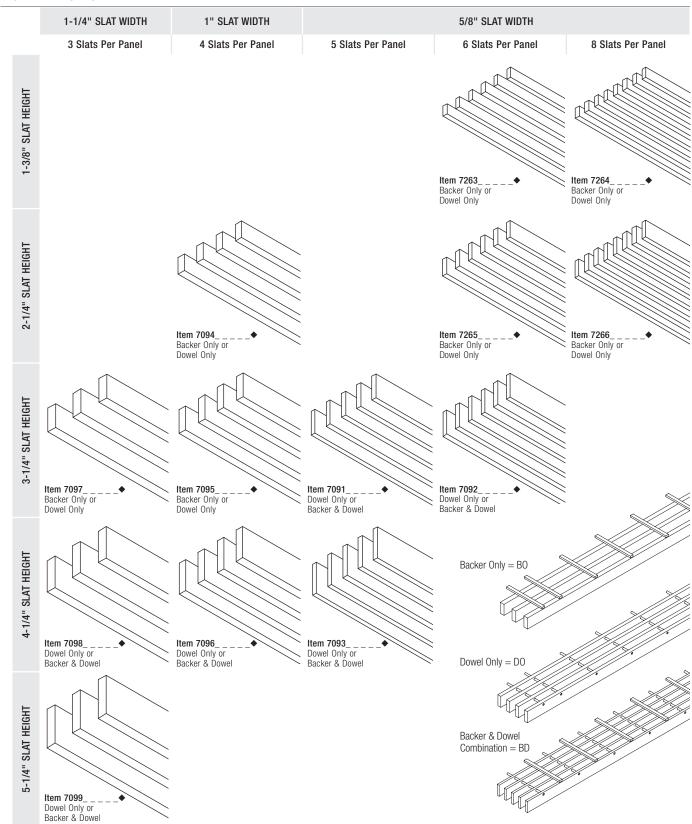
TRIM AND ACOUSTICAL INFILL PANELS

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



Solid Wood Backer, Dowel, and Backer & Dowel Combination

STANDARD SIZES

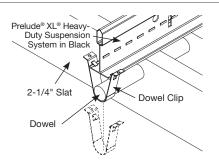


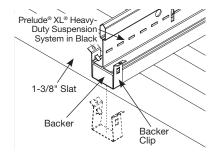
♦ When specifying or ordering please include the installation type and color suffixes (e.g., 7092 <u>B</u> <u>D</u> <u>G</u> <u>L</u> <u>C</u> − 6 slats 3-1/4" Backer & Dowel in Grille Light Cherry).

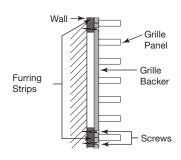


Solid Wood Backer, Dowel, and Backer & Dowel Combination

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.



Prelude® XL® Heavy Duty Suspension System #6 x 1-1/4" bugle head Hi-Lo drywall screw Backer 2-1/4" Slat 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

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

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 ConsiderationsCustom 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.

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

Site Conditions

the solution of the state of th

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

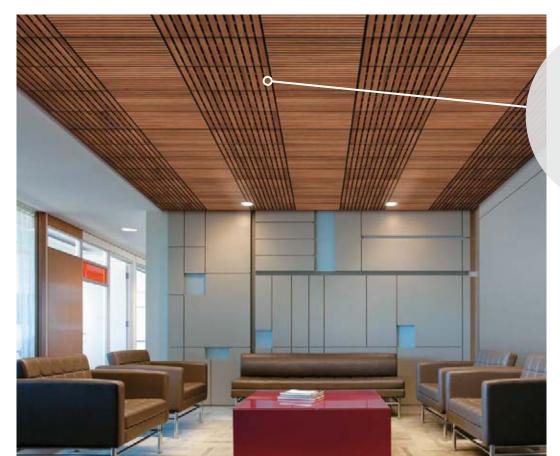
Warranty

Details at armstrongceilings.com

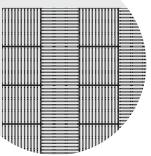
Weight 7263 - 2.0 lbs/SF 7264 - 2.6 lbs/SF 7265 - 2.8 lbs/SF 7091 - 3.2 lbs/SF 7093 - 3.0 lbs/SF

7092, 7094, 7097 – 3.4 lbs/SF 7095 – 3.5 lbs/SF 7266, 7096, 7098 – 3.6 lbs/SF 7099 – 4.37 lbs/SF





CAD/Revit® drawings at: armstrongceilings.com





See more photos at: armstrongceilings.com/photogallery

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

KEY SELECTION ATTRIBUTES

WoodWorks® Grille Tegular in Light Cherry



- · 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® trim

FINISH SELECTION

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



(GWH)

Grille Maple (GMP)



Cherry (GLC)

Grille Dark Cherry (GDC)





Available

TOTAL ACOUSTICS® PANEL INSTALLATION



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



WOODWORKS® Grille Tegular

Item No. ◆

662808_

663008

662912_ _ _

662812_ _ _

663012___

663112___









For LEED contribution contact TechLine

PANEL

VISUAL SELECTION

Edge Profile

9/16" Tegular with

9/16" Tegular with

15/16" Tegular with

Horizontal Slats

15/16" Tegular with

Vertical Slats

Vertical Slats

Horizontal Slats

Dimensions

24 x 24 x 1"

24 x 48 x 1"

24 x 24 x 2"

24 x 24 x 1"

24 x 48 x 1"

24 x 48 x 2"

П

(Inches)

Nominal W x L x H

Description

1/2" x 1-1/2"

1/2" x 1-1/2"

1/2" x 1-1/2"

1/2" x 1-1/2"

12 vertical slats

10 horizontal slats 1/2" x 1-1/2"

10 horizontal slats

12 vertical slats

12 horizontal slats 1/2" x 1-1/2"

12 horizontal slats

FSC®-certified WOODWORKS® Grille Tegular for 9/16" Suspension System

FSC®-certified WOODWORKS Grille Tegular for 15/16" Suspension System

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

PERFORMANCE

LOCATION	DEPENDENT

		Dota represent high
OUSTICAL	INFORMATION	level of performance.

	Performance deter	rmined by slat	t spacing		
Fire Rating	Item Number	Infill Panel Item Number	NRC -	- CAC =	Total Acoustics 1
	662808 - 9/16" Tegular	5823	0.75	N/A	-
See physical data below	- 3/10 legulal	1713BL	0.75	35 •	BETTER
See physical data below		2820BK	0.85	35	BEST
See physical					(W))
data below	662812 15/16" Tegular	5823	0.75	N/A	_
	15/10 legalar	1713BL	0.75	35 •	BETTER
See physical data below	_	2820BK	0.85	35 •	BEST
See physical data below	¹ Total Acoustics [©] reduction and s	ound-blocking	g performan		
See physical data below	GOOD (NRC 0.6) BETTER (NRC 0.8) BEST (NRC 0.8) For infill panel in	.70-0.75; CAC)+; CAC 35+)	35+)	00.	

NOTE: For additional color and size options, call TechLine at 1 877 276-7876

ACCESSORIES

Item No. ◆	Description	Dimensions Nominal W x L x H (Inches)	Color	Pcs./ Ctn.
AX4VESTRBL	4" Axiom® Vector®*	120 x 3/4 x 4"	Black (BL)	_
AX6VESTRBL	6" Axiom Vector*	120 x 3/4 x 6"	Black (BL)	-
AX4VEQSISBL	4" Inside Corner Post	3/4 x 3/4 x 4"	Black (BL)	-
AX6VEQSISBL	6" Inside Corner Post	3/4 x 3/4 x 6"	Black (BL)	-
AX4VEOSCPBL	4" Outside Corner Post	3/4 x 3/4 x 4"	Black (BL)	-
AX6VEOSCPBL	6" Outside Corner Post	3/4 x 3/4 x 6"	Black (BL)	-

' '	
(BL)	_

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

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)

TRIM AND ACOUSTICAL INFILL PANELS

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

PHYSICAL DATA

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.

Composite Grille product testing has not been completed, since 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.

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

^{*} Trim cartons include AXTBC Clips and AXSPLICE Splice Plates.

TAKE THE NEXT STEP

1 877 276 7876

Customer Service Representatives 7:45 a.m. to 5:00 p.m. EST 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. EST, Monday through Friday. FAX 1 800 572 8324 or email: techline@armstrongceilings.com

armstrongceilings.com/commercial

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A Ceiling for Every Space® Visual Selection Tool

Product literature and samples – express service or regular delivery

Contacts - reps, where to buy, who will install

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Collaborative design

Detail drawings

Specifications

Planning and budgeting

Pre-construction Assistance

Layout drawings for standard and premium products

Project installation recommendations

Contractor installation assistance



helping to bring your one-of-a-kind ideas to life

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