

new METALWORKS™ Immix™ Blades

Panelized Torsion Spring
smooth texture



TOTAL ACOUSTICS™
Sound Absorption (NRC)
+ Sound Blocking (CAC)



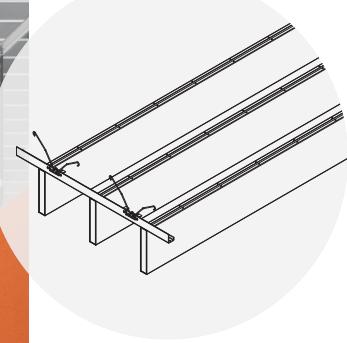
SUSTAIN™
High Performance
Sustainable
Ceiling Systems



FAST134
Select Items Ship Fast
armstrongceilings.com/fast134



CAD/Revit® drawings at:
armstrongceilings.com/cadrevit



plus capabilities
to do more



MetalWorks Immix Blades 1" W x 6" H with 3 blades per panel in Silverlume

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

An interior panelized torsion spring metal ceiling system in a variety of blade configurations, achieving an accessible, open reveal linear look installed up to twice as fast as individual blade systems.

KEY SELECTION ATTRIBUTES

- 20 standard 24" x 96" panels with multiple blades in varying heights, widths, and spacing configurations
- Four new Sequels™ pre-coat, wood-look finishes are part of the FAST134 program
- 1" and 2" wide blades with 4", 6", and 8" heights
- 24" x 96" torsion spring panels install up to twice as fast as individual blade systems
- Durable, downward accessible system - quickly open a large area with full panel removal

- Mix and match standard panels with alternating blade heights or widths for a custom look
- Smart design – reveals between blades are equidistant panel-to-panel; Panels have a consistent 1/8" reveal end-to-end
- MetalWorks™ Immix™ panels are part of the Sustain™ portfolio, and meet the most stringent industry sustainability compliance standards today
- CleanAssure™ family of products – includes disinfectable planks, suspension systems, and trim
- 11 panels with 70% or more open area to minimize sprinkler install and material cost, achieving a less cluttered finished ceiling with an open aesthetic
- Select products included in the FAST134 program – ready to ship in 4 weeks or less
- Panels can be field cut; perimeter cut kit and additional end caps are available for a clean, professional finish
- Black acoustical infill panels hide the plenum and achieve up to 0.95 NRC
- Get total noise control and design flexibility with Total Acoustics™ ceiling panels: NRC + CAC = Total Acoustics
- Aluminum blades with exceptional durability – washable, scrubbable, soil-resistant

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LEED®
WELL™ LBC

16% RECYCLED
CONTENT

energy management	✓	✓	✓	✓	✓
construction waste mgmt					
regional materials					
design or flexibility					
EPD					
recyclable/ extended producer resp.					
biobased materials					
recycled content					
sourcing of raw materials					
material ingredient reporting					
low emitting/ emitting materials					
lighting quality					
acoustics					

LOCATION DEPENDENT

Contact TechLine
for Green Genie™ information

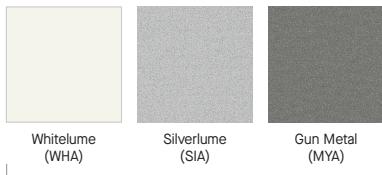
WHITE WITH
ONLY INFILL
PANEL



MetalWorks Immix Blades 2" W x 8" H with 3 blades per panel in Sequels La Jolla Oak

STANDARD COLORS & FINISHES Due to printing limitations, shade may vary from actual product.

Painted (Interior only)



These colors are part of the Sustain™ portfolio

Sequel™
Pre-coated Coil, Fast Lead Time

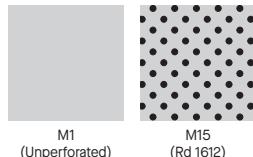


CUSTOM COLORS & FINISHES Due to printing limitations, shade may vary from actual product.



For custom options contact ASQuote,
ASQuote@armstrongceilings.com

STANDARD PERFORATION OPTIONS (1:2 scale shown)





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16% RECYCLED CONTENT



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VISUAL SELECTION

Item No.◆	Description	Space Between Blades	% Open Area	lbs./SF	Dimensions Nominal W x L x H (Inches)		Custom Sizes Available
					Width	Length	
METALWORKS™ Immix™ Blades Panels	6342D41----- 1" wide x 4" height blade 2 blades / panel	11"	92%†	0.36 lbs	24 x 96 x 4"		
15/16" Square	6343D41----- 1" wide x 4" height blade 3 blades / panel	7"	88%†	0.54 lbs	24 x 96 x 4"		
	6344D41----- 1" wide x 4" height blade 4 blades / panel	5"	83%†	0.73 lbs	24 x 96 x 4"		
	6346D41----- 1" wide x 4" height blade 6 blades / panel	3"	75%	1.08 lbs	24 x 96 x 4"		
	6342D61----- 1" wide x 6" height blade 2 blades / panel	11"	92%†	0.51 lbs	24 x 96 x 6"		
	6343D61----- 1" wide x 6" height blade 3 blades / panel	7"	88%†	0.77 lbs	24 x 96 x 6"		
	6344D61----- 1" wide x 6" height blade 4 blades / panel	5"	83%	1.03 lbs	24 x 96 x 6"		
	6346D61----- 1" wide x 6" height blade 6 blades / panel	3"	75%	1.54 lbs	24 x 96 x 6"		
	6342D81----- 1" wide x 8" height blade 2 blades / panel	11"	92%†	0.66 lbs	24 x 96 x 8"		
	6343D81----- 1" wide x 8" height blade 3 blades / panel	7"	88%	1.08 lbs	24 x 96 x 8"		
	6344D81----- 1" wide x 8" height blade 4 blades / panel	5"	83%	1.33 lbs	24 x 96 x 8"		
Other Size Panels	W: 1" H: 3" - 8" 2 - 8 blades per panel	2" - 11"	Varies	Varies	W: 24"*	L: 24" - 96"	Varies Class A

FAST134 program items ready to ship from manufacturer in 4 weeks or less.

Up-to-date lead times and product options (sizes and colors) at armstrongceilings.com/fast134



PERFORMANCE

Sound Absorption**	Fire Performance	CleanAssure™ Disinfectable Planks		
		Fog	Spray	Wipe
0.40	Class A	*	*	*
0.45	Class A	*	*	*
0.50	Class A	*	*	*
0.55	Class A	*	*	*
0.45	Class A	*	*	*
0.50	Class A	*	*	*
0.55	Class A	*	*	*
0.55	Class A	*	*	*
0.55	Class A	*	*	*
0.55	Class A	*	*	*
0.55	Class A	*	*	*
Varies	Class A	*	*	*

Dots represent high level of performance.

LOCATION DEPENDENT

ACOUSTICAL INFORMATION

Dots represent high level of performance.

Infill Panel Item No.	NRC	+	CAC	Total Acoustics ¹
8373PBBK	0.95	*	-	-
2821BK	0.85	*	35	BEST
1319	0.75	30	-	-

NRC with acoustical fleece
See Visual Selection chart

¹ Total Acoustics™ ceiling panels have an ideal combination of sound absorption and sound blocking 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+)



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smooth texture



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VISUAL SELECTION

Item No.◆	Description	Space Between Blades	% Open Area	lbs./sf	Dimensions Nominal W x L x H (Inches)	Custom Sizes Available	Performance		
							Sound Absorption**	Fire Performance	CleanAssure™ Disinfectable Planks
METALWORKS™ Immix™ Blades Panels	6342D42	2" wide x 4" height blade 2 blades / panel	10"	83%†	0.5 lbs	24 x 96 x 4"	0.40	Class A	• • •
15/16" Square	6343D42	2" wide x 4" height blade 3 blades / panel	6"	75%†	0.7 lbs	24 x 96 x 4"	0.45	Class A	• • •
	6344D42	2" wide x 4" height blade 4 blades / panel	4"	67%	0.9 lbs	24 x 96 x 4"	0.50	Class A	• • •
	6342D62	2" wide x 6" height blade 2 blades / panel	10"	83%†	0.65 lbs	24 x 96 x 6"	0.45	Class A	• • •
	6343D62	2" wide x 6" height blade 3 blades / panel	6"	75%†	0.93 lbs	24 x 96 x 6"	0.50	Class A	• • •
	6344D62	2" wide x 6" height blade 4 blades / panel	4"	67%	1.2 lbs	24 x 96 x 6"	0.55	Class A	• • •
	6342D82	2" wide x 8" height blade 2 blades / panel	10"	83%†	0.8 lbs	24 x 96 x 8"	0.50	Class A	• • •
	6343D82	2" wide x 8" height blade 3 blades / panel	6"	75%	1.15 lbs	24 x 96 x 8"	0.55	Class A	• • •
	6344D82	2" wide x 8" height blade 4 blades / panel	4"	67%	1.5 lbs	24 x 96 x 8"	0.55	Class A	• • •
Other Size Panels	W: 2" H: 1" - 10" 2 - 6 blades per panel	2" - 10"	Varies	Varies	W: 24** L: 24" - 96"		Varies	Class A	• • •

FAST134 program items ready to ship from manufacturer in 4 weeks or less.
Up-to-date lead times and product options (sizes and colors) at armstrongceilings.com/fast134



◆ When specifying or ordering, include the appropriate 6-digit perforation suffix and color suffix (e.g., 6342D61 M 1 5 W H A).

† Icon indicates panel with unobstructed construction where the openings are at least 70% of the cross-section area and the depth of the member does not exceed the least dimension of the openings.

* Panel widths other than 24" will require custom panel and suspension layout. For specific options, contact your Armstrong representative to get started with our ProjectWorks® Design Services team.

** The NRC shown is achieved with M15 perforation

LOCATION DEPENDENT

Dots represent high level of performance.

ACOUSTICAL INFORMATION

Dots represent high level of performance.

Infill Panel Item No.	NRC	+	CAC	=	Total Acoustics ¹
8373PBBK	0.95	•	-	-	
2821BK	0.85	•	35	BEST	
1319	0.75	•	30	-	

NRC with acoustical fleece
See Visual Selection chart

¹ Total Acoustics™ ceiling panels have an ideal combination of sound absorption and sound blocking 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+)



BLADES - Standard



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smooth texture

STANDARD PANEL CONFIGURATIONS



Indicates panel with unobstructed construction where the openings are at least 70% of the cross-section area and the depth of the member does not exceed the least dimension of the openings.

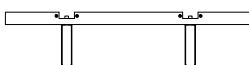
24" x 96" PANELS (1" Blade Width)

4" Height Blades

6" Height Blades

8" Height Blades

2 BLADES

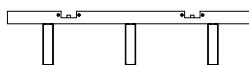


92% Open Area
Item 6342D41

92% Open Area
Item 6342D61

92% Open Area
Item 6342D81

3 BLADES

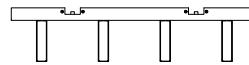


88% Open Area
Item 6343D41

88% Open Area
Item 6343D61

88% Open Area
Item 6343D81

4 BLADES

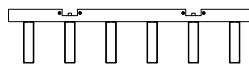


83% Open Area
Item 6344D41

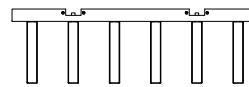
83% Open Area
Item 6344D61

83% Open Area
Item 6344D81

6 BLADES



75% Open Area
Item 6346D41



75% Open Area
Item 6346D61

◆ When specifying or ordering, include the appropriate 6-digit perforation suffix and color suffix (e.g., 6342D61 M 1 5 W H A).

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STANDARD PANEL CONFIGURATIONS



Indicates panel with unobstructed construction where the openings are at least 70% of the cross-section area and the depth of the member does not exceed the least dimension of the openings.

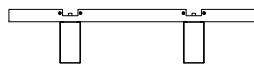
24" x 96" PANELS (2" Blade Width)

4" Height Blades

6" Height Blades

8" Height Blades

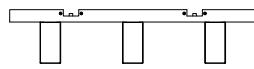
2 BLADES



83% Open Area
Item 6342D42



3 BLADES

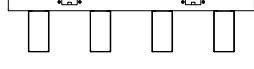


75% Open Area
Item 6343D42



75% Open Area
Item 6343D62

4 BLADES



67% Open Area
Item 6344D42

67% Open Area
Item 6344D62

67% Open Area
Item 6344D82

◆ When specifying or ordering, include the appropriate 6-digit perforation suffix and color suffix (e.g., 6342D61 M 15 W H A).



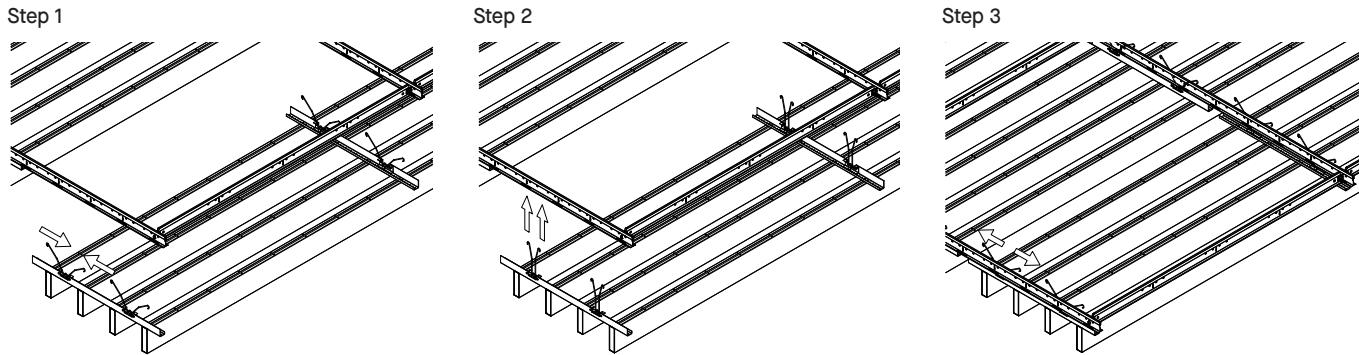
BLADES - Standard



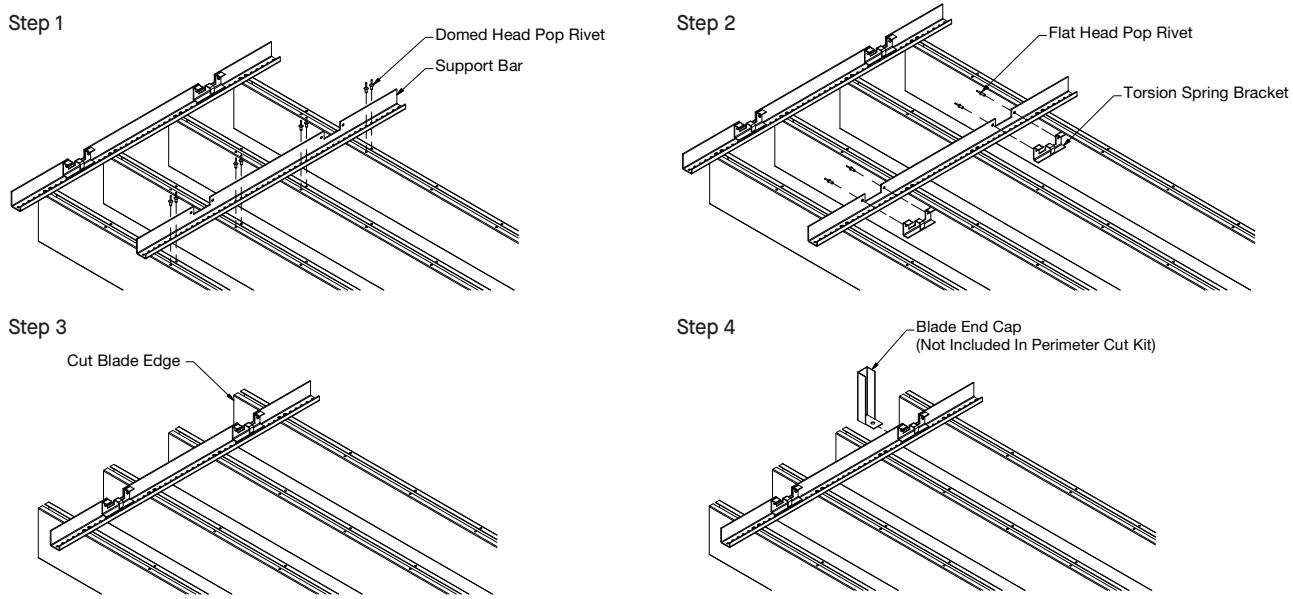
METALWORKS™ Immix™ Blades

Panelized Torsion Spring smooth texture

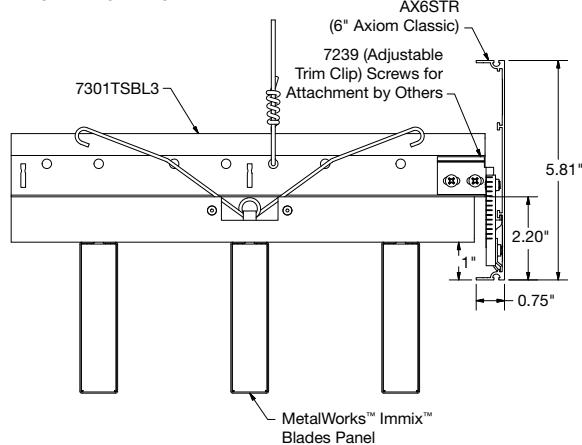
HOW TO INSTALL PANELS



PERIMETER CUT KIT INSTALLATION



AXIOM® FLOATING PERIMETER DETAIL



METALWORKS™ Immix™ Blades

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smooth texture



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16% RECYCLED CONTENT

energy management	✓	✓	✓	✓	✓
construction waste mgmt					
regional materials					
design or flexibility					
EPD					
recyclable/ extended producer resp.					
bio-based materials					
recycled content					
sourcing of raw materials					
material ingredient reporting					
low emitting/ low materials					
lighting quality					
acoustics					
LOCATION DEPENDENT					
WHITE WITH ONLY INFILL PANEL					

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for Green Genie™ information

SUSPENSION SYSTEM & ACCESSORIES

	Item No.◆	Description	Dimensions (Inches) Nominal W x L x H	Color	Pieces/Carton
Suspension Systems	7301TS	Prelude® XL® 12' HD Main Beam – Slotted	15/16 × 144 × 1-11/16"	White	20
	XL7341	Prelude XL 4' Cross Tee	15/16 × 48 × 1-11/16"	White	60
	7301TSBL3	Black 360 Prelude XL 12' HD Main Beam – Slotted	15/16 × 144 × 1-11/16"	Black	20
	XL7341BL3	Black 360 Prelude XL 4' Cross Tee	15/16 × 48 × 1-11/16"	Black	60
Wall-to-Wall Installations	7800_ _	12' Angle Molding	144 × 7/8 × 7/8"	White, Black Black is recommended for Sequels™ panel finishes	30
	HD7801_ _	10' Angle Molding	120 × 7/8 × 7/8"	Silver Grey, Gun Metal Grey	30
	BERC2	2" Beam End Retaining Clip	N/A	N/A	200
Floating Cloud Installations	AX6STR_ _ _ ◆	Axiom® Classic 6" Straight Trim	120 × 3/4 × 5-13/16"	White, Black, Silver Grey, Gun Metal Grey Black is recommended for Sequels panel finishes	N/A
	7239	Adjustable Trim Clip (ATC)	N/A	N/A	50
Other Accessories	5604	Perimeter Cut Kit	N/A	N/A	10 support bars/20 brackets/40 countersunk rivets, 120 domed head rivets

◆ Add the 2-digit color suffix to the item number when specifying or ordering (e.g. AX6STR S G), add an extra digit "3" before the color suffix if paint is required inside and outside of trim (e.g. AX6STR 3 S G).

ACCESSORIES

Item No.◆	Description	Pieces/Carton	Item No.◆	Description	Pieces/Carton
5458D41M1_ _ _ _	1" wide x 4" height end cap	10	5458D42M1_ _ _ _	2" wide x 4" height end cap	10
5458D61M1_ _ _ _	1" wide x 6" height end cap	10	5458D62M1_ _ _ _	2" wide x 6" height end cap	10
5458D81M1_ _ _ _	1" wide x 8" height end cap	10	5458D82M1_ _ _ _	2" wide x 8" height end cap	10

◆ When specifying or ordering, include the appropriate 3- or 4-letter color suffix (e.g., 5458D61M1 M Y A).

PHYSICAL DATA

Material
Aluminum – thickness 0.032"

Surface Finish
Painted: Factory-applied polyester paint.
Sequel's: Pre-coated coil. Custom colors and finishes available.

Contact ASQuote@armstrongceilings.com for custom finish requests.

Fire Performance

Painted and Sequel's finishes: Class A: Tested per ASTM E84, Flame Spread Index 25 or less. Smoke Developed Index 50 or less. CAN/ULC S102 surface burning characteristics. Flame Spread Rating 25 or less. Smoke Developed Classification 50 or less.

Acoustical Options

Perforated panels are supplied with a black fiberglass fleece to absorb sound.

Design Support

For custom design assistance contact ProjectWorks® Design Services or visit armstrongceilings.com/projectworks

Design Considerations

When installed, panels hang either 5-3/16", 7-3/16" or 9-3/16" below the face of the grid, depending on the height of the blade. MetalWorks™ Immix™ Blades panels can be cut in the field, see installation instructions for details.

Variation in reveal between panel ends up to 1/16" may occur. Black 360° grid minimizes grid visibility. Axiom trim colors coordinate but are not an exact match..

For optimum visual design, backlighting panels is not recommended. For lighting integration see installation instructions.

Installation Considerations

Although panels are installed from below and never travel into the plenum, MetalWorks Immix Blades panels will require a minimum 5" clearance above the suspension system. This allows enough room for the springs to travel into the plenum space during installation or removal.

Seismic Restraint
MetalWorks Immix panels are approved for application in all seismic areas when installed per the seismic guidelines in the Armstrong Ceilings installation instructions.

FAST134 Program Considerations

Size of Job Matters: Big jobs, over 2500 SF or 50 pieces for shapes/vertical elements will have longer lead times.

Location Matters: Transit time not included. We are ready to ship in 1 week on FAST1 items. However, transit to the states west of Wyoming may add time.

Distributor Truck Schedule Matters: We rely on distribution to help move products around the country. When speed matters, work with your local distributor to ensure FAST134 service.

Stock vs. Made-to-order Matters: FAST3 & FAST4 items are made-to-order and will ship direct to distributor. FAST1 (stocked items) will go through distribution and depend on distributor truck schedules.

Cleaning and Disinfecting

Cleaning and CDC-approved disinfecting options available on armstrongceilings.com/cleaning

Warranty

Details at armstrongceilings.com/warranty

Weight

Refer to Visual Selection chart