

# METALWORKS™ 3D

Tegular  
smooth texture



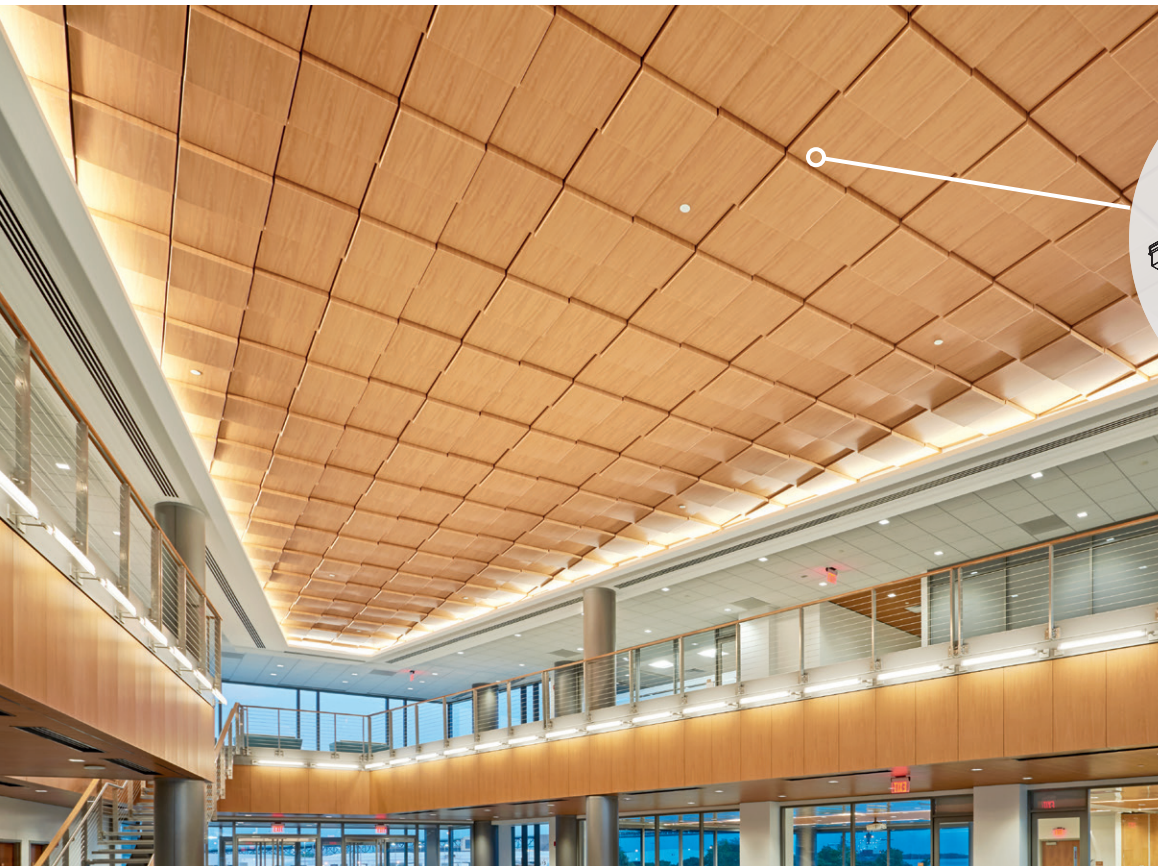
**TOTAL ACOUSTICS™**  
Sound Absorption (NRC)  
+ Sound Blocking (CAC)



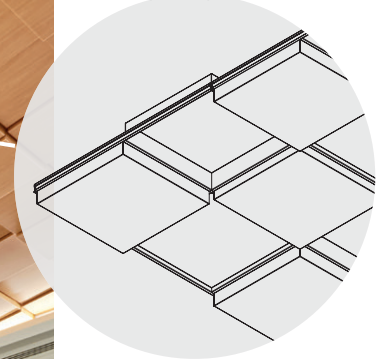
**SUSTAIN™**  
High Performance  
Sustainable  
Ceiling Systems



**FAST134**  
Select Items Ship Fast  
[armstrongceilings.com/fast134](http://armstrongceilings.com/fast134)



CAD/Revit® drawings at:  
[armstrongceilings.com/cadrevit](http://armstrongceilings.com/cadrevit)



plus capabilities  
to do more



MetalWorks 3D on Suprafine® XL® suspension system

[armstrongceilings.com/capabilities](http://armstrongceilings.com/capabilities)  
See more photos at:  
[armstrongceilings.com/photogallery](http://armstrongceilings.com/photogallery)

Now get Total Acoustics™ performance with MetalWorks™ 3D perforated panels – excellent sound absorption and sound blocking in one system.

## KEY SELECTION ATTRIBUTES

- new Natural Reflections laminate finishes are embossed, realistic wood-look finishes on durable metal panels, now Class A and Canadian fire tested, and part of the Sustain™ portfolio
- Get total noise control and design flexibility with Total Acoustics ceiling panels: NRC + CAC = Total Acoustics
- Define and accentuate spaces with unique 3D look
- CleanAssure™ family of products – includes disinfectable panels, suspension systems, and trim
- new MetalWorks 3D panels are part of the Sustain portfolio and meet the most stringent industry sustainability compliance standards today
- Select products included in the FAST134 program – ready to ship in 4 weeks or less
- Standard Tegular and 1", 2", 3", and 4" panel heights
- Perforation option available for acoustics
- Durable – Washable, Scrubbable, Impact, Soil-resistant



*Explore the  
MetalWorks 3D  
Design Guide*

MetalWorks™ 3D panels offer a wide variety of design options. Find more MetalWorks 3D design details in our online MetalWorks 3D Design Guide at [armstrongceilings.com/metalworks3d](http://armstrongceilings.com/metalworks3d)



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Declare.

LEED WELL | LBC  
UP TO 16% RECYCLED CONTENT

For LEED contribution contact TechLine

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

WITH INFILL PANEL

## VISUAL SELECTION

Item No. ♦	Dimensions Nominal W x L x H (Inches)	Custom Sizes Available
METALWORKS™ 3D 9/16" Square Tegular	24 x 24 x 5/16" Down Tegular	<input type="checkbox"/>
7220UP1_	24 x 24 x 1" Up Tegular	<input type="checkbox"/>
7220DN1_	24 x 24 x 1" Down Tegular	<input type="checkbox"/>
7220UP2_	24 x 24 x 2" Up Tegular	<input type="checkbox"/>
7220DN2_	24 x 24 x 2" Down Tegular	<input type="checkbox"/>
7220UP3_	24 x 24 x 3" Up Tegular	<input type="checkbox"/>
7220DN3_	24 x 24 x 3" Down Tegular	<input type="checkbox"/>
7220UP4_	24 x 24 x 4" Up Tegular	<input type="checkbox"/>
7220DN4_	24 x 24 x 4" Down Tegular	<input type="checkbox"/>



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](http://armstrongceilings.com/fast134)

- ♦ When specifying or ordering, include the appropriate perforation and color suffix with the item number (e.g. 7220 M 1 W H A).
- \* Light reflectance is for unperforated Whitelume.

## PERFORMANCE

Dots represent high level of performance.

Fire Performance	(White only) Light Reflect*	CleanAssure™ Disinfectable Panels							DURABILITY
		Fog	Spray	Wipe	Wash	Scrub	Impact	Soil	
Class A	0.75	*	*	*	*	*	*	*	
Class A	0.75	*	*	*	*	*	*	*	
Class A	0.75	*	*	*	*	*	*	*	

## ACOUSTICAL INFORMATION

Performance determined by perforation size

Perforation	Infill Panel Item No.	NRC	CAC	Total Acoustics <sup>1</sup>
M15	8200T10	0.90	N/A	N/A
	5823	0.75	N/A	N/A
	1713	0.70	37	BETTER
	2820	0.75	35	BETTER
Fleece Only		0.70	N/A	N/A

<sup>1</sup> 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+)

## SUSPENSION SYSTEMS

9/16" Suprafine® XL\*  
 Coordinating suspension systems and Axiom® trim available for painted colors. Black suspension and Axiom trim are suggested for Natural Reflections wood-look finishes. Consult [armstrongceilings.com](http://armstrongceilings.com) for full suspension and trim selections.

## ACCESSORIES

Item No.	Description	Dimensions Nominal W x L x H (Inches)	Color	Pieces/ Carton
8200T10	1" Fiberglass Infill Panel	24 x 24 x 1"	Black	12
5823	BioAcoustic™ Infill Panel	24 x 24 x 5/8"	Black-Matte	12
1713	School Zone® Fine Fissured™ Square Lay-in Acoustical Panel	24 x 24 x 3/4"	White	14
2820	Calla® Square Lay-in Acoustical Panel	24 x 24 x 1"	White	10



METALWORKS™ - Standard

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LEED® WELL™ LBC

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- regional materials
- design for flexibility
- EPD
- recyclable/producer resp.
- biobased materials
- recycled content
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- material ingredient reporting
- low emitting materials
- lighting quality
- acoustics

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LOCATION DEPENDENT

WITH INFILL PANEL

## DESIGN IDEAS

### Random Checkerboard

1↑	1↓	1↑	1↓	1↑	1↓	1↑	1↓
1↓	2↑	2↓	2↑	2↓	2↑	2↓	2↑
1↑	2↓	3↑	3↓	3↑	3↓	2↑	1↓
1↓	2↑	3↓	4↑	4↓	3↑	2↓	1↑
1↑	2↓	3↑	4↓	4↑	3↓	2↑	1↓
1↓	2↑	3↓	3↑	3↓	3↑	2↓	1↑
1↑	2↓	2↑	2↓	2↑	2↓	2↑	1↓
1↓	1↑	1↓	1↑	1↓	1↑	1↓	1↑

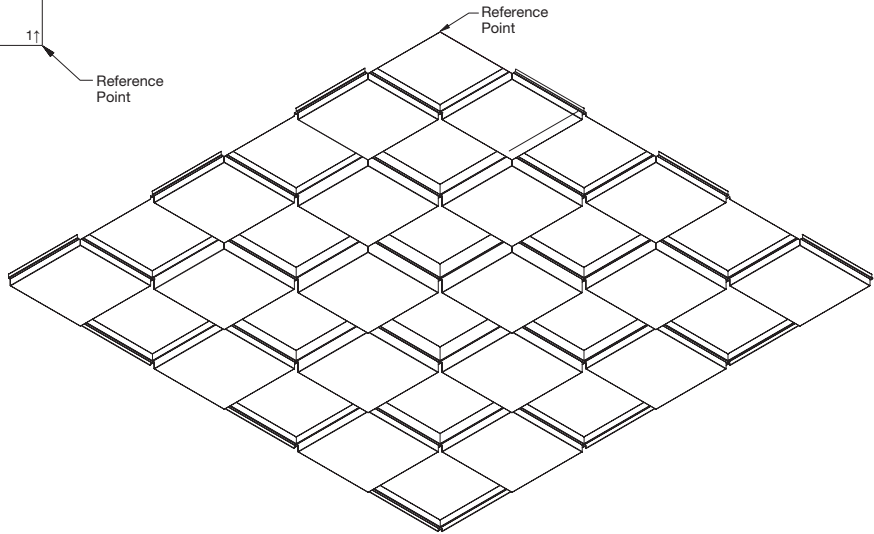
To create this design, you will need to order:

Item No.	Pieces
7220UP1	14
7220DN1	14
7220UP2	10
7220DN2	10
7220UP3	6
7220DN3	6
7220UP4	2
7220DN4	2

### INSTALLATION VIEW



Reflected ceiling plan at the Lounge at Gusto in Lancaster, PA

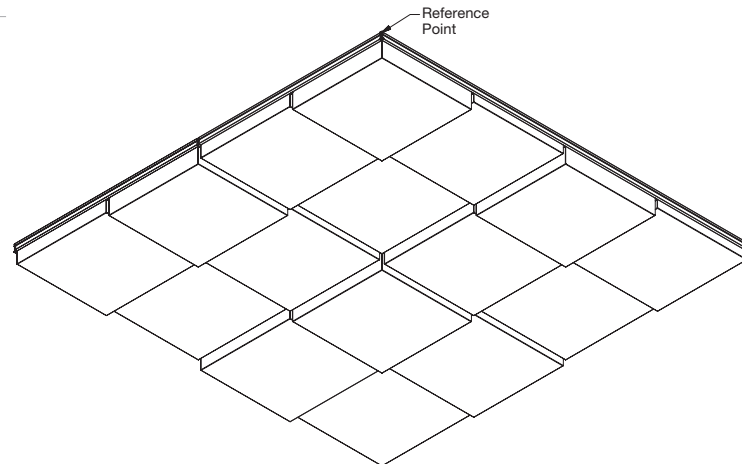


### Checkerboard Down

1↓	2↓	1↓	2↓
3↓	4↓	3↓	4↓
1↓	2↓	1↓	2↓
3↓	4↓	3↓	4↓

To create this design, you will need to order:

Item No.	Pieces
7220DN1	4
7220DN2	4
7220DN3	4
7220DN4	4



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LOCATION DEPENDENT

- biobased materials
- recycled content
- sourcing of raw materials
- material ingredient reporting
- low emitting materials
- lighting quality
- acoustics

WITH INFILL PANEL

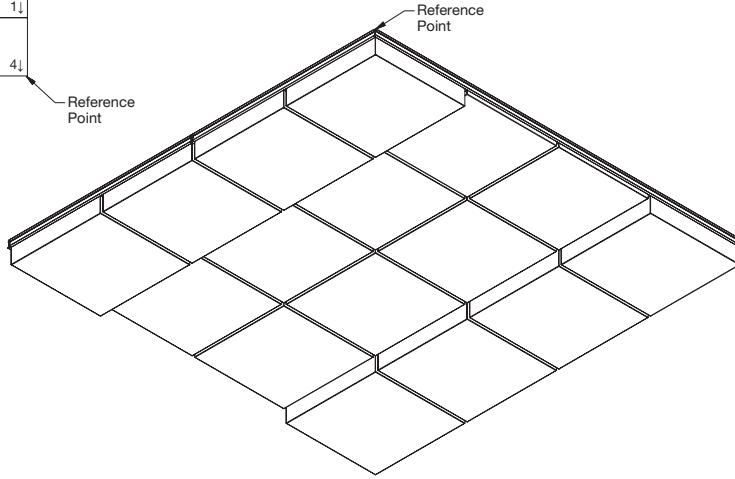
## DESIGN IDEAS (continued)

### Linear Triple Down

4↓	4↓	4↓	4↓
1↓	1↓	1↓	1↓
1↓	1↓	1↓	1↓
4↓	4↓	4↓	4↓

To create this design, you will need to order:

Item No.	Pieces
7220UP1	8
7220DN4	8



### INSTALLATION VIEW

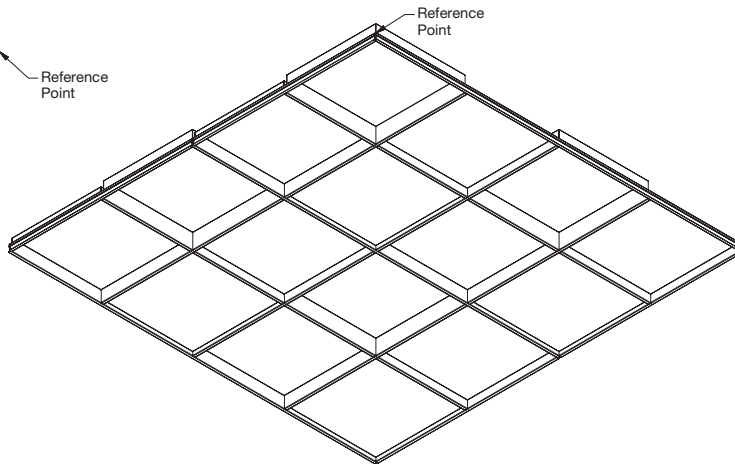


### Checkerboard Up

1↑	2↑	1↑	2↑
3↑	4↑	3↑	4↑
1↑	2↑	1↑	2↑
3↑	4↑	3↑	4↑

To create this design, you will need to order:

Item No.	Pieces
7220UP1	4
7220UP2	4
7220UP3	4
7220UP4	4



METALWORKS™ – Standard

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LEED® WELL™ | LBC

UP TO 16% RECYCLED CONTENT

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- regional materials
- design for flexibility
- EPD
- recyclable/repairable producer resp.
- biobased materials
- recycled content
- sourcing of raw materials
- material ingredient reporting
- low emitting materials
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- acoustics

For LEED contribution contact TechLine

LOCATION DEPENDENT

WITH INFILL PANEL

## DESIGN IDEAS (continued)

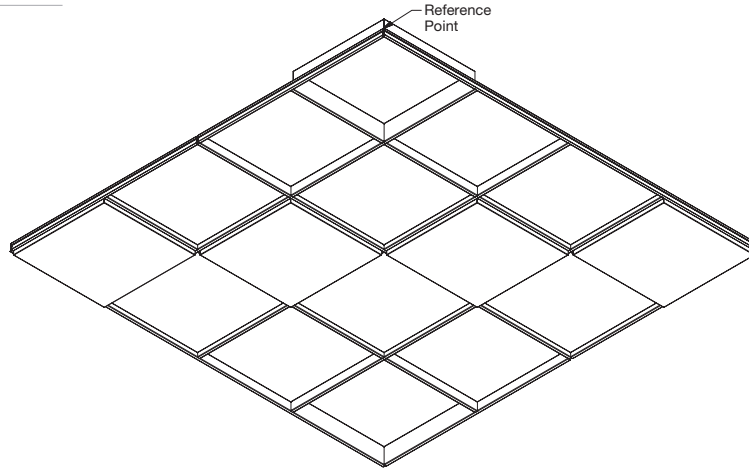
### Wave Double

4↑	2↑	1↑	1↓
2↑	1↑	1↓	1↑
1↑	1↓	1↑	2↑
1↓	1↑	2↑	4↑

To create this design, you will need to order:

Item No.	Pieces
7220UP1	6
7220DN1	4
7220UP2	4
7220UP4	2

Reference Point



## PHYSICAL DATA

### Material

Aluminum – thickness 0.040"

### Surface Finish

Painted finishes: Factory-applied polyester paint  
Natural Reflections: PVC-free laminates  
Custom colors also available.

### Fire Performance

Fire Performance Painted, Effects, Natural Reflections and Sequels finishes: Class A: ASTM E84, Flame Spread Index 25 or less. Smoke Developed Index 50 or less.

Natural Reflections Finishes: CAN/ULC S102: Flame Spread Rating 30. Smoke Developed Classification 30.

Painted aluminum finishes CAN/ULC S102: Flame Spread Rating 25 or less. Smoke Developed Classification 50 or less.

### ASTM E1264 Classification

Unperforated – Type XX, Pattern G  
Perforated – Type XX, Pattern C  
Fire Class A – Painted & Laminates

### Design Consideration

Panels may show a small area of exposed metal edge due to the forming process. Edge paint is available to minimize this effect.

### Seismic Restraint

MetalWorks 3D panels are approved for all seismic areas when installed per the seismic guidelines of the published Armstrong ceiling installation instructions.

### Cleaning and Disinfecting

Cleaning and CDC-approved disinfecting options available on [armstrongceilings.com/cleaning](http://armstrongceilings.com/cleaning)

### 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.

### Warranty

Details at [armstrongceilings.com/warranty](http://armstrongceilings.com/warranty)

### Weight; Square Feet

7220 – 0.55 lbs/SF  
7220UP1 – 0.60 lbs/SF  
7220DN1 – 0.60 lbs/SF  
7220UP2 – 0.70 lbs/SF  
7220DN2 – 0.70 lbs/SF  
7220UP3 – 0.80 lbs/SF  
7220DN3 – 0.80 lbs/SF  
7220UP4 – 1.00 lbs/SF  
7220DN4 – 1.00 lbs/SF

