



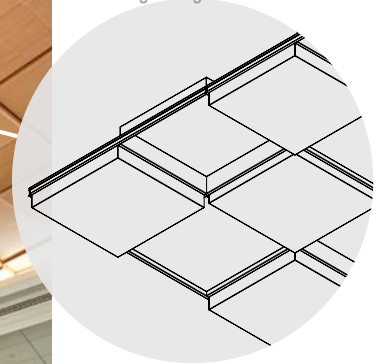
METALWORKS™ 3D

METALWORKS™ 3D

Tegular
smooth texture



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



▲ MetalWorks™ 3D on Suprafine® XL® suspension system

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

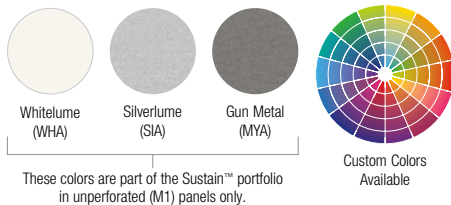
Now get Total Acoustics™ performance with MetalWorks™ 3D perforated panels – excellent sound absorption and sound blocking in one system.

KEY SELECTION ATTRIBUTES

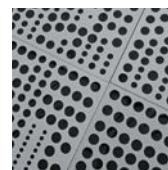
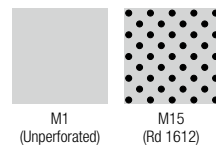
- new** Natural Reflections laminate finishes are embossed, realistic wood look finishes on durable metal panels and part of the Sustain™ portfolio
- new** CleanAssure™ family of products – includes disinfectable panels, suspension systems, and trim
- MetalWorks™ 3D panels are part of the Sustain™ portfolio and meets the most stringent sustainability compliance standards today. Unperforated (M1) panels only
- Get total noise control and design flexibility with Total Acoustics™ ceiling panels: NRC + CAC = Total Acoustics
- Define and accentuate spaces with unique 3D look
- Standard Tegular and 1", 2", 3", and 4" panel heights
- Easy to install
- Perforation option available for acoustics
- Durable – Washable, Scrubbable, Impact, Soil-resistant
- new** Integrate with pre-engineered Axiom® Field Light Covers for Specialty Ceilings to achieve predictable lighting performance

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

MetalWorks



PERFORATION OPTIONS (1:2 scale shown)



Custom Perforations Available

new Natural Reflections Laminate Finishes



For custom requests contact ASQuote, asquote@armstrongceilings.com

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- construction waste mgmt
- regional materials
- design for flexibility
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- biobased materials
- recycled content
- sourcing of raw materials
- material ingredient reporting
- low emitting/materials
- lighting quality
- acoustics

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armstrongceilings.com/greengenie

VISUAL SELECTION

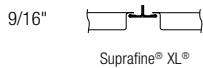
Item No. ♦	Dimensions Nominal W x L x H (Inches)	Custom Sizes Available
METALWORKS™ 3D 9/16" Square Tegular	24 x 24 x 5/16" Down Tegular	<input type="checkbox"/>
7220UP1	24 x 24 x 1" Up Tegular	<input type="checkbox"/>
7220DN1	24 x 24 x 1" Down Tegular	<input type="checkbox"/>
7220UP2	24 x 24 x 2" Up 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"/>

♦ When specifying or ordering, include the appropriate perforation and color suffix with the item number (e.g. 7220 M 1 W H A).
* Class A fire rating on MetalWorks painted finishes and Class B on Natural Reflections laminate finishes.

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 Acoustic Panel	24 x 24 x 3/4"	White	14
2820	Calla® Square Lay-in Acoustic Panel	24 x 24 x 1"	White	10

SUSPENSION SYSTEMS



Coordinating suspension systems and Axiom™ trim available for painted colors. Black suspension and Axiom trim are suggested for Natural Reflections wood looks finish. Consult armstrongceilings.com for full suspension and trim selections.

PHYSICAL DATA

Material
Aluminum – thickness 0.040"
Surface Finish
Natural Reflections: Film Laminate
Painted finishes: Factory-applied polyester paint
Custom colors also available.
Fire Performance
Class A: Painted aluminum tested per ASTM E84 and CAN/ULC S102. Flame Spread Index 25 or less. Smoke Developed Index 50 or less.
Class B: Laminate finishes tested per ASTM E84. Flame Spread Index 75 or less. Smoke Developed Index 450 or less.

ASTM E1264 Classification
Unperforated – Type XX, Pattern G
Perforated – Type XX, Pattern C
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

Warranty
Details at 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

PERFORMANCE

Dots represent high level of performance.

Fire Performance* (M1 White only)	Light Reflect	CleanAssure™ Disinfectable Panels		DURABILITY					
		Fog	Spray	Wipe	Wash	Scrub	Impact	Soil	
Class A / 0.75 Class B	•	•	•	•	•	•	•	•	•
Class A / 0.75 Class B	•	•	•	•	•	•	•	•	•
Class A / 0.75 Class B	•	•	•	•	•	•	•	•	•

ACOUSTICAL INFORMATION

Performance determined by perforation size

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

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+)

INFILL PANEL INSTALLATION



MetalWorks™ 3D ceiling panel with School Zone® Fine Fissured™ 1713 acoustic infill panel – Total Acoustics™ ceiling system

METALWORKS™ 3D

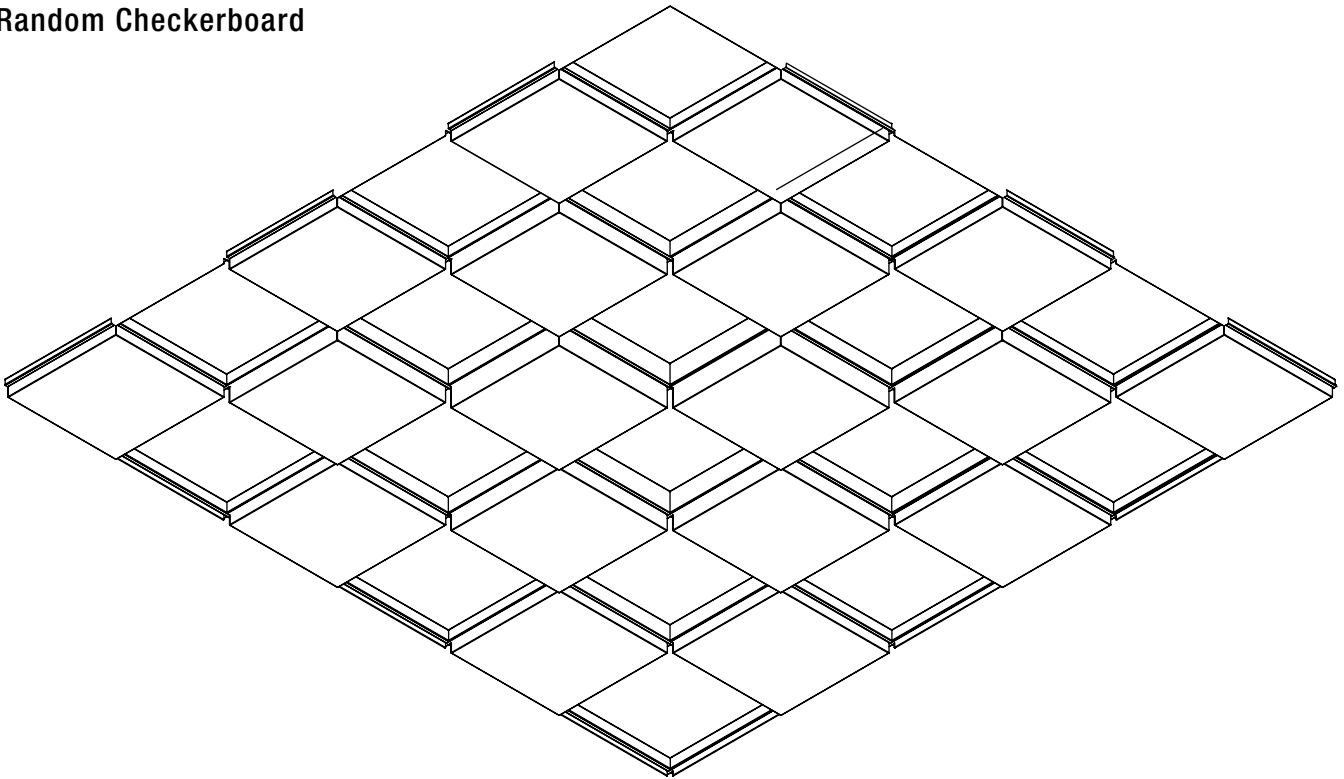
Tegular
smooth texture

DESIGN IDEAS



Installation View
(The Lounge at Gusto reflected ceiling plan)

Random Checkerboard



1↑	1↓	1↑	1↓	1↑	1↓	1↑	1↓
1↓	2↑	2↓	2↑	2↓	2↑	2↓	1↑
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 #	Pieces
7220UP1	14
7220DN1	14
7220UP2	10
7220DN2	10
7220UP3	6
7220DN3	6
7220UP4	2
7220DN4	2

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DESIGN IDEAS



Installation View

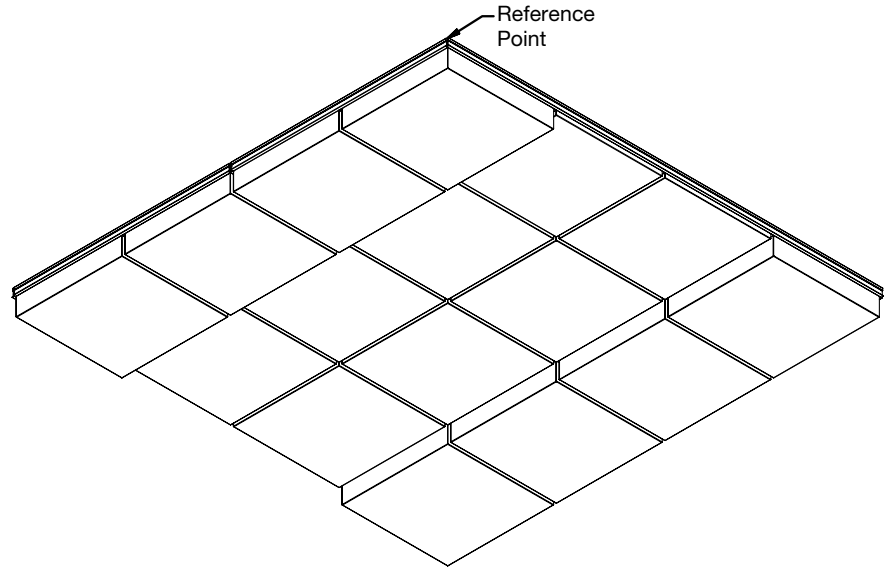
Linear Triple Down

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

Reference Point

To create this design, you will need to order:

Item #	Pieces
7220UP1	8
7220DN4	8



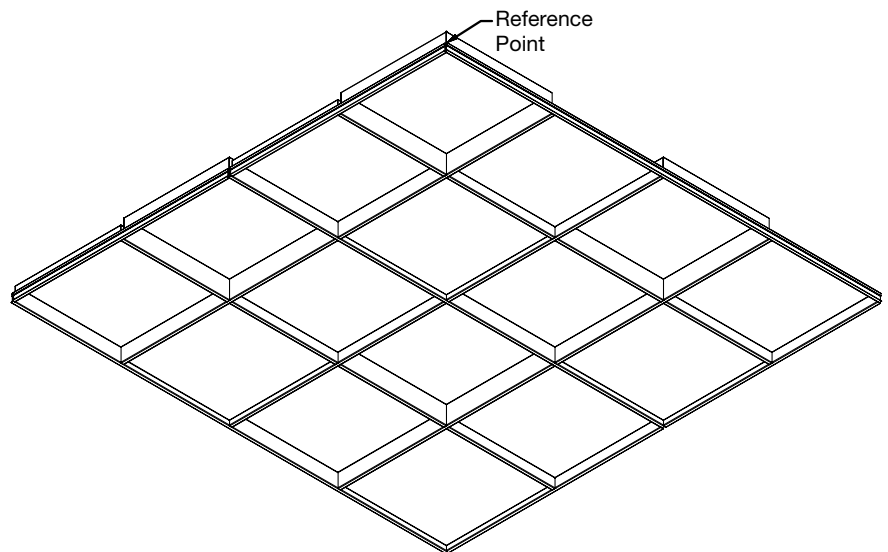
Checkerboard Up

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

Reference Point

To create this design, you will need to order:

Item #	Pieces
7220UP1	4
7220UP2	4
7220UP3	4
7220UP4	4



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Tegular
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DESIGN IDEAS

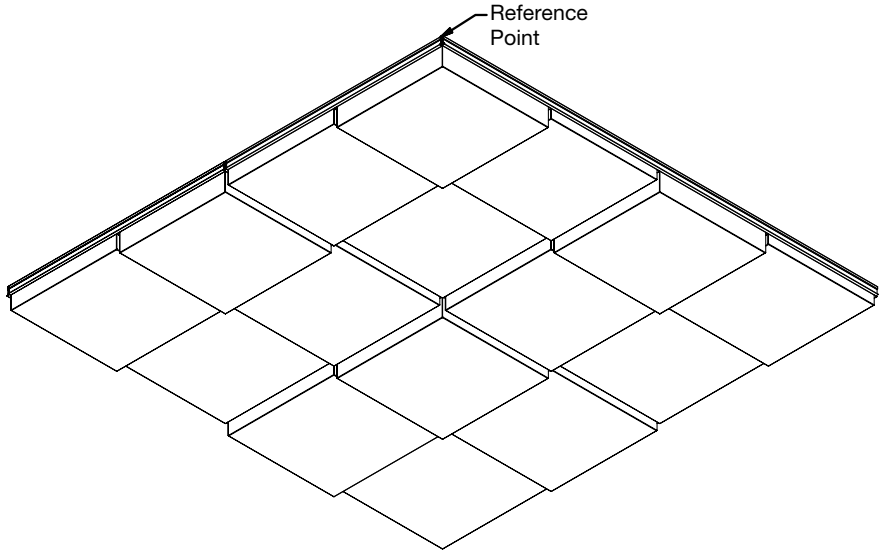
Checkerboard Down

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

Reference Point

To create this design, you will need to order:

Item #	Pieces
7220DN1	4
7220DN2	4
7220DN3	4
7220DN4	4



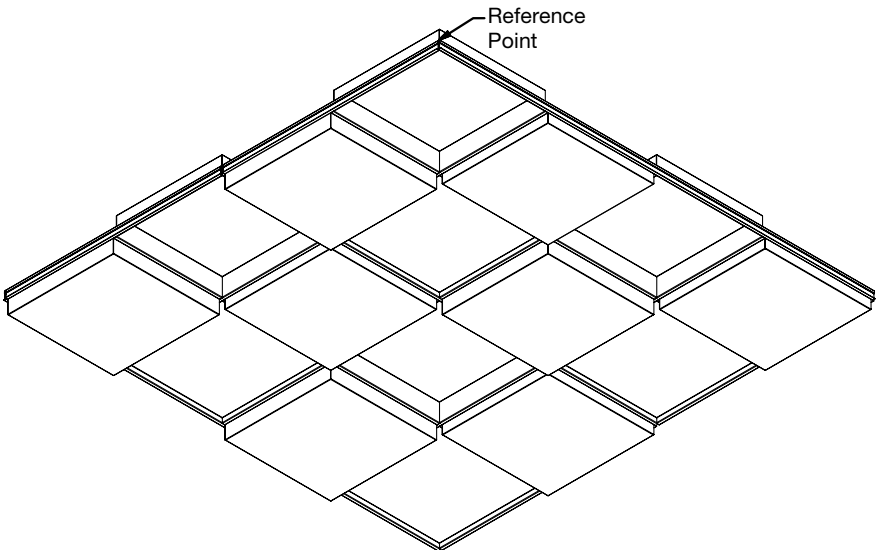
Checkerboard 1 & 4 Up

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

Reference Point

To create this design, you will need to order:

Item #	Pieces
7220UP1	4
7220DN2	4
7220DN3	4
7220UP4	4



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DESIGN IDEAS

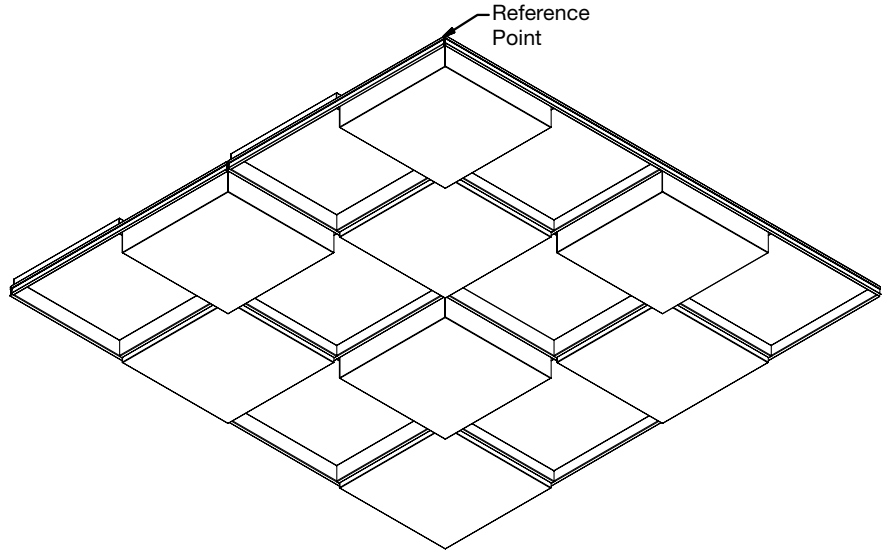
Checkerboard 2 & 3 Up

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

Reference Point

To create this design, you will need to order:

Item #	Pieces
7220DN1	4
7220UP2	4
7220UP3	4
7220DN4	4



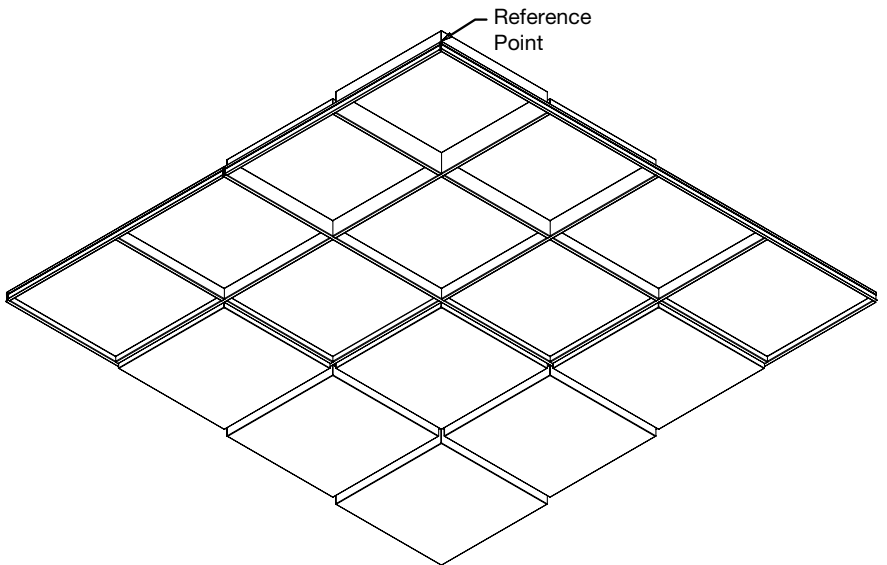
Wave Single

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

Reference Point

To create this design, you will need to order:

Item #	Pieces
7220UP1	4
7220DN1	3
7220UP2	3
7220DN2	2
7220UP3	2
7220DN3	1
7220UP4	1



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DESIGN IDEAS

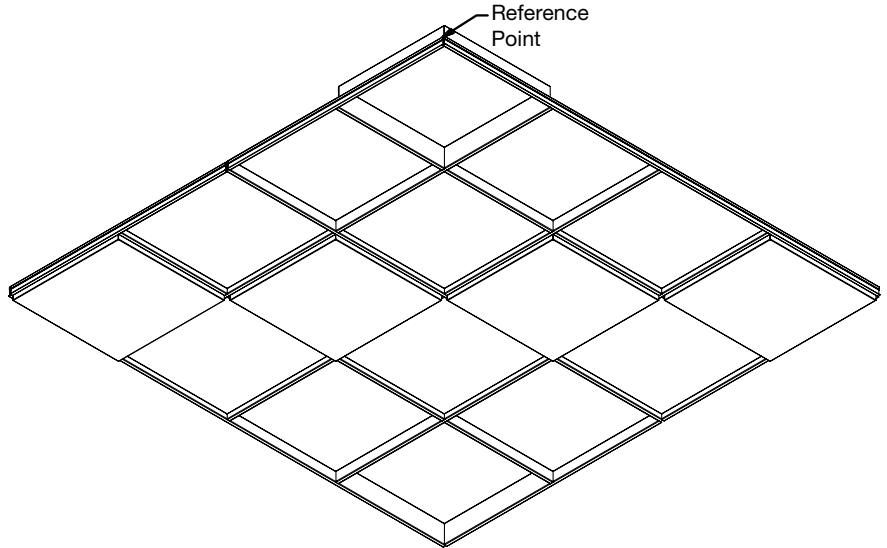
Wave Double

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

Reference Point

To create this design, you will need to order:

Item #	Pieces
7220UP1	6
7220DN1	4
7220UP2	4
7220UP4	2



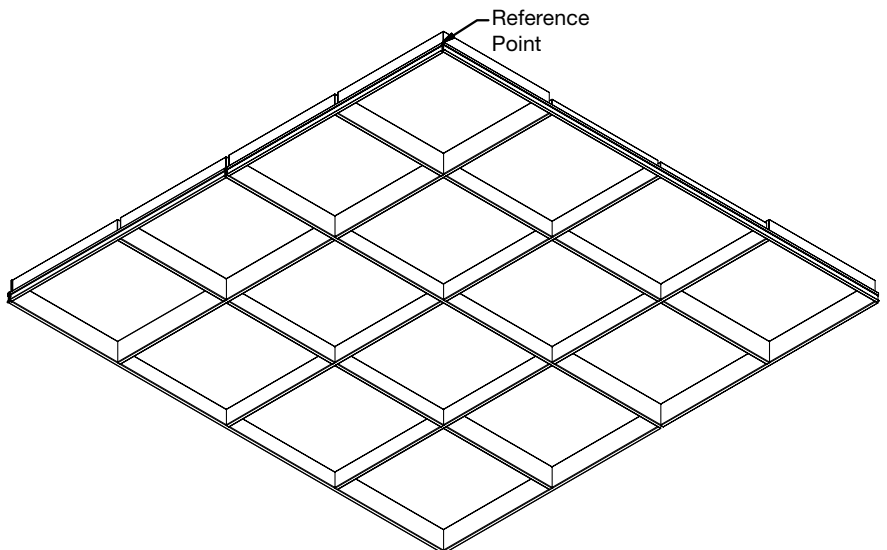
Linear Single Up

4↑	4↑	4↑	4↑
3↑	3↑	3↑	3↑
3↑	3↑	3↑	3↑
4↑	4↑	4↑	4↑

Reference Point

To create this design, you will need to order:

Item #	Pieces
7220UP3	8
7220UP4	8



METALWORKS™ 3D

Tegular
smooth texture

DESIGN IDEAS

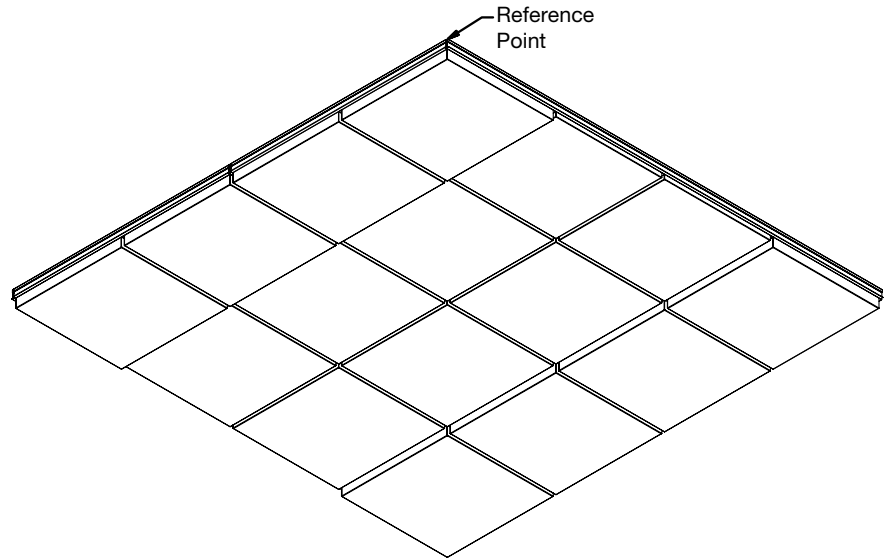
Linear Single Down

2↓	2↓	2↓	2↓
1↓	1↓	1↓	1↓
1↓	1↓	1↓	1↓
2↓	2↓	2↓	2↓

Reference Point

To create this design, you will need to order:

Item #	Pieces
7220DN2	8
7220DN1	8



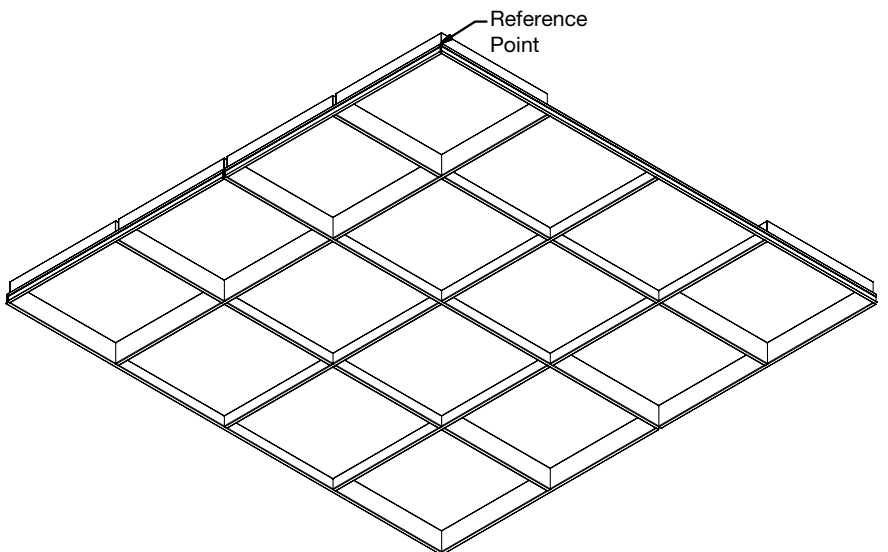
Linear Double Up

4↑	4↑	4↑	4↑
2↑	2↑	2↑	2↑
2↑	2↑	2↑	2↑
4↑	4↑	4↑	4↑

Reference Point

To create this design, you will need to order:

Item #	Pieces
7220UP4	8
7220UP2	8



METALWORKS™ 3D

Tegular
smooth texture

DESIGN IDEAS

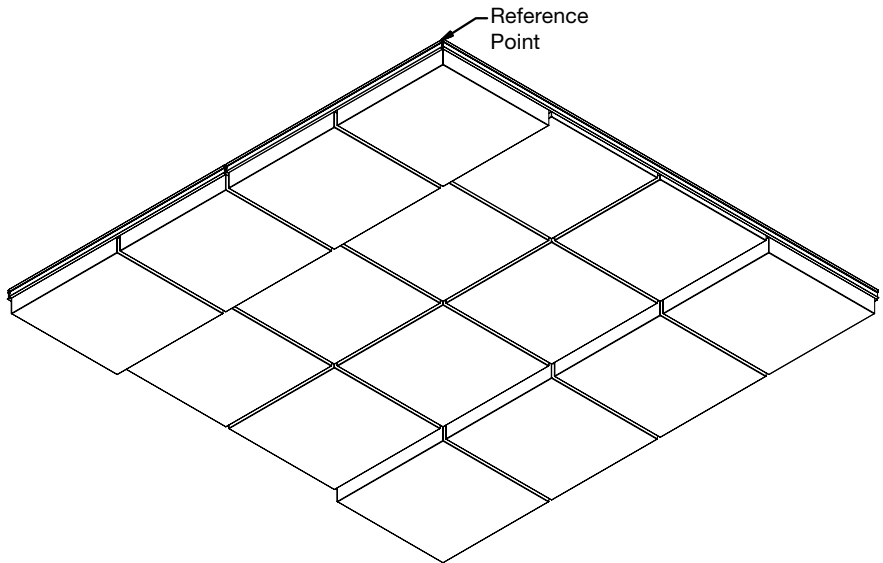
Linear Double Down

3↓	3↓	3↓	3↓
1↓	1↓	1↓	1↓
1↓	1↓	1↓	1↓
3↓	3↓	3↓	3↓

Reference Point

To create this design, you will need to order:

Item #	Pieces
7220DN1	8
7220DN3	8



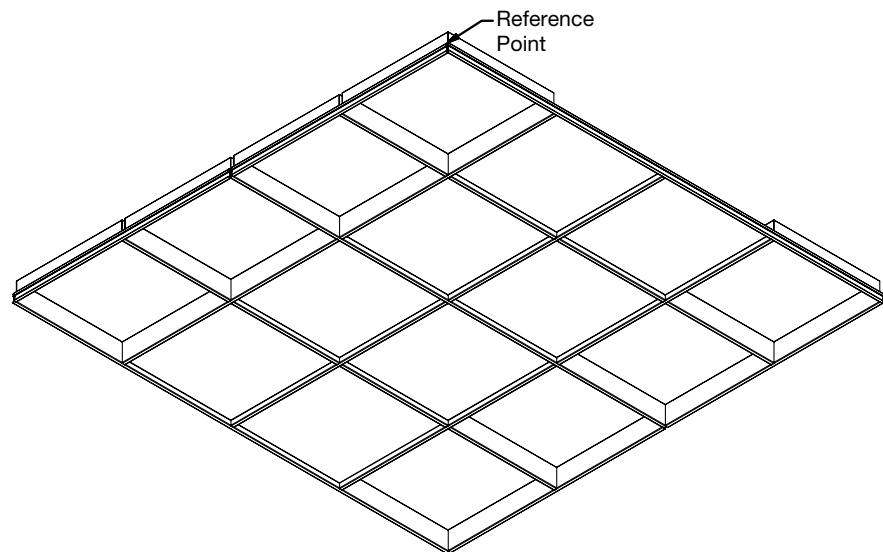
Linear Triple Up

4↑	4↑	4↑	4↑
1↑	1↑	1↑	1↑
1↑	1↑	1↑	1↑
4↑	4↑	4↑	4↑

Reference Point

To create this design, you will need to order:

Item #	Pieces
7220UP1	8
7220UP4	8



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DESIGN IDEAS

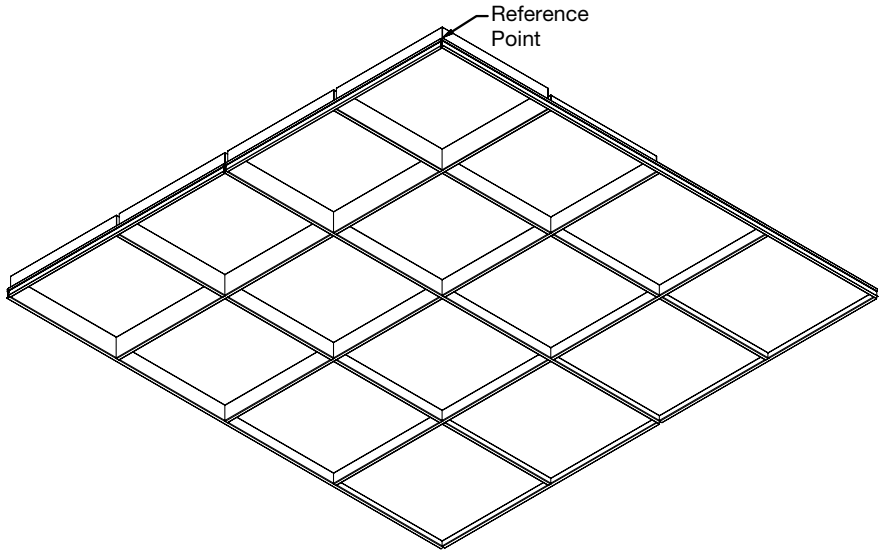
Linear Straight All Up

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2↑	2↑	2↑	2↑
3↑	3↑	3↑	3↑
4↑	4↑	4↑	4↑

Reference Point

To create this design, you will need to order:

Item #	Pieces
7220UP1	4
7220UP2	4
7220UP3	4
7220UP4	4



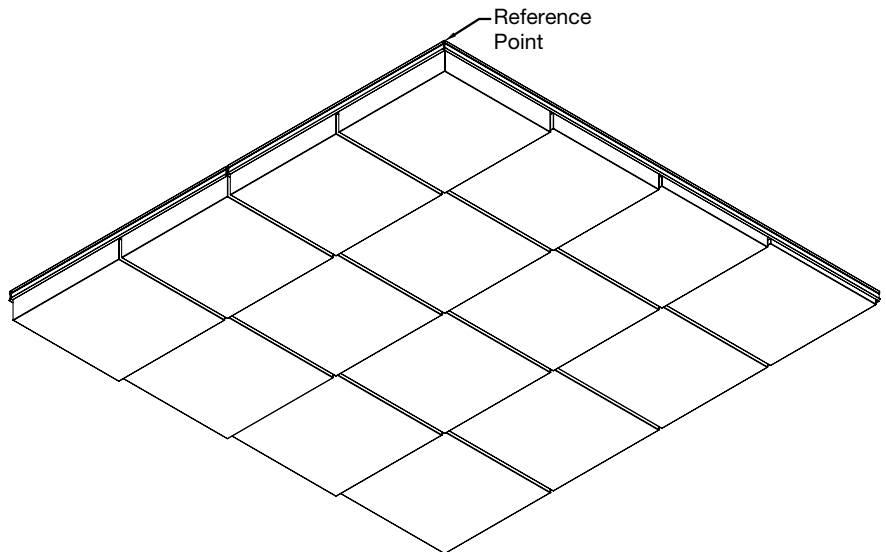
Linear Straight All Down

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

Reference Point

To create this design, you will need to order:

Item #	Pieces
7220DN1	4
7220DN2	4
7220DN3	4
7220DN4	4



TAKE THE NEXT STEP

1 877 276 7876

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