



DesignStackz™ Ceiling System

Tegular Panels with 9/16" Suspension System
smooth texture



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



SUSTAIN®
High Performance
Sustainable
Ceiling Systems



DesignStackz Ceiling System with T-BAR STAX™ Lighting

Playful 90° geometric pattern ceiling system easily installs within a 4' × 4' module layout.

KEY SELECTION ATTRIBUTES

- DesignStackz™ ceiling system is part of the Sustain™ portfolio and meets the most stringent industry sustainability compliance standards today
- CleanAssure™ family of products – includes disinfectable panels, suspension systems, and trim
- 10-Year Limited System Warranty

Ceiling Panels

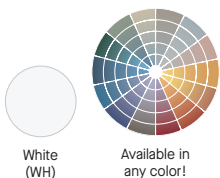
- Get total noise control and floor plan versatility with Total Acoustics® ceiling panels: NRC + CAC = Total Acoustics performance
- Excellent combination of sound absorption and sound blocking: 0.70 NRC and 37 CAC
- Non-directional panel visual
- Product can be recycled through the Armstrong Ceilings Recycling Program
- 30-Year Limited System Warranty against visible sag, mold, and mildew
- Build America, Buy America (BABA) Act compliant

Suspension Systems

- PeakForm® profile increases strength and stability for improved performance during installation
- Multi-directional 90-degree bracket
- Hot-dipped galvanized coating inhibits red rusting better than electrogalvanized or painted systems
- 1-11/16" web height keeps components vertical and stable at light fixture interface



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





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Declare.

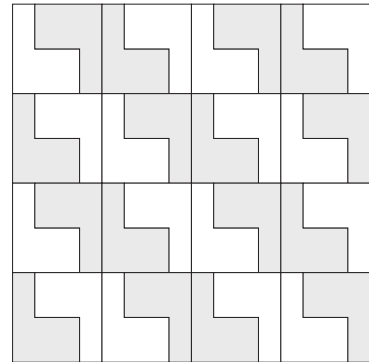
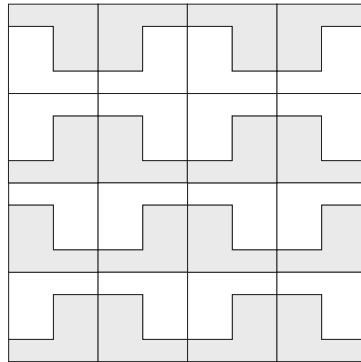
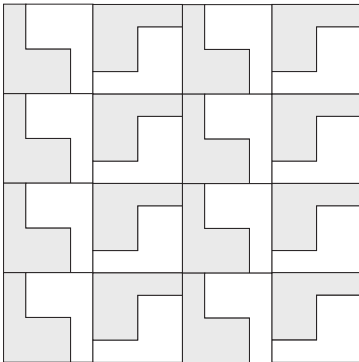


ProjectWorks®

Design & Construction Services

ProjectWorks® available for manual layout assistance geared to your specific project. For additional project pattern inspiration, visit the pattern gallery at armstrongceilings.com/patterngallery

Submit a ProjectWorks Request [↗](#)



MINERAL FIBER – Standard



DesignStackz™ Ceiling System

Tegular Panels
smooth texture



SUSTAIN™
High Performance
Sustainable Ceiling Systems

RECYCLED
CONTENT

UP TO
76%

LEED V5

Ecomedes Data

COMMON MATERIALS FRAMEWORK

Human Health	Declare Label	Climate Health	EPD
	HPD	Ecosystem Health	EPD
	3rd Party CDPH	Circular Economy	✓
OCCUPANT EXPERIENCE		Acoustics	✓

Declare.

VISUAL SELECTION

Item No.	Description	Dimensions (Inches)
8790	Left "L"	48 × 36 × 1"
8791	Right "L"	48 × 36 × 1"
8792	24" × 24"	24 × 24 × 1"
8793	24" × 48"	48 × 24 × 1"
8794	12" × 48"	48 × 12 × 1"
8795	6" × 48"	48 × 6 × 1"
8796	4" × 48"	48 × 4 × 1"

Ceiling panels are specially sized and engineered for DesignStackz™ suspension system and must be used with the system. These panels do not fit in other suspension systems.

PERFORMANCE

Dots represent high level of performance.

NRC + CAC	Total Acoustics ¹	Articulation Class	Fire Performance	Light Reflect*	Bio-Block Mold & Mildew Protection	Humi-Guard+ Sag Resistant	Certified Low VOC Emissions	Durability	Recycle Program	30-Yr Warranty
0.70 *	37 *	BETTER 	170 *	Class A	0.85 *	*	*	*	*	*

0.70 *	37 *	BETTER 	170 *	Class A	0.85 *	*	*	*	*	*
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0.70 *	37 *	BETTER 	170 *	Class A	0.85 *	*	*	*	*	*
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0.70 *	37 *	BETTER 	170 *	Class A	0.85 *	*	*	*	*	*
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0.70 *	37 *	BETTER 	170 *	Class A	0.85 *	*	*	*	*	*
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0.70 *	37 *	BETTER 	170 *	Class A	0.85 *	*	*	*	*	*
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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+)

* Advertised values for light reflectance, wash and scratch resistance are applicable to white tiles only

CEILING PANEL PHYSICAL DATA

Material
Wet-formed mineral fiber with acoustically transparent membrane

Surface Finish
Acoustically transparent membrane with factory-applied latex paint

Fire Performance
ASTM E84 and CAN/ULC S102 surface burning characteristics. Flame Spread Index of 25 or less. Smoke Developed Index of 50 or less (UL labeled).

ASTM E1264 Classification
Type A, Form A2.2, Pattern G; Fire Class A

Humidity/Sag Resistance
HumiGuard® Plus ceiling panels are recommended for areas subject to high humidity, up to, but not including, standing water and outdoor applications.

Anti-Mold/Mildew
Ceiling tiles with BioBlock® performance resist the growth of mold and mildew on the tile surface.

VOC Emissions
Third-party certified compliant with California Department of Public Health CDPH/EHLB/Standard Method Version 1.2, 2017. This standard is the guideline for low emissions in LEED®, WELL Building Standard®, Living Building Challenge® (LBC), CalGreen Title 24, ANSI/ASHRAE/USGBC/IES Standard 189; ANSI/GBI Green Building Assessment Protocol.

Design Considerations
Physical product samples for custom colors are available upon request. Please refer to the physical product sample prior to making a final selection. While we strive to ensure exact color matches, various factors such as differences in materials, texture, substrate porosity, painting processes, lighting, and observer subjectivity can all affect how paint colors appear on ceiling and wall panels, suspension systems, and trim products. Due to these and other differences, ceiling and wall panels, trim products, and suspension systems with the same color name will coordinate but may not be an exact color match. Product is dye lotted. Order sufficient initial quantities and attic stock to minimize possible color variation.

Acoustical Performance
CAC testing conducted using Silhouette® suspension system for 9/16" edge detail. NRC test conducted using white panels. Painted panels may experience a slight reduction in NRC due to the color painting process.

High Recycled Content
Classified as containing greater than 50% total recycled content. Total recycled content based on product composition of post-consumer and pre-consumer (post-industrial) recycled content per FTC guidelines.

Insulation Value
R Factor – 2.9 (BTU units)
R Factor – 0.445 (Watts units)

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

30-Year Performance Guarantee & Warranty
When installed with Armstrong® Suspension System. Details at armstrongceilings.com/warranty

Weight; Square Feet/Carton
8790, 8791 – 1.0 LBS/SF; 15.6 SF/CTN
8792, 8793 – 1.0 LBS/SF; 48 SF/CTN
8794 – 1.0 LBS/SF; 40 SF/CTN
8795 – 1.0 LBS/SF; 24 SF/CTN
8796 – 1.0 LBS/SF; 16 SF/CTN

Minimum Order Quantity
1 carton

TechLine 877 276-7876

armstrongceilings.com/designstackz

Armstrong®
World Industries



DesignStackz™ Ceiling System

9/16" Suspension System



Declare.

RECYCLED
CONTENT

UP TO
63%

LEED V5

Ecomedes Data

COMMON MATERIALS FRAMEWORK

Human Health	Declare Label	Climate Health	EPD
	HPD	Ecosystem Health	EPD
	3rd Party CDPH	Circular Economy	✓
OCCUPANT EXPERIENCE		Acoustics	

VISUAL SELECTION

	Face Profile	Item No. ♦	Description	Route Spacing	Dimensions (Inches)	Hanger Spacing* LBS/LF
Compatible Suprafine® XL® Components	9/16"	7501_ _	12" HD Main Beam	6" O.C.	144 × 9/16 × 1-11/16"	16.86 @ 4'
	9/16"	7500_ _	12" ID Main Beam	6" O.C.	144 × 9/16 × 1-11/16"	12.75 @ 4'
	9/16"	XL7549_ _	4' Cross Tee	N/A	48 × 9/16 × 1-11/16"	16.42 @ 4'
Suprafine® XM to XL Cross Tee	9/16"	XML7524_ _	Suprafine XM to XL 2' Cross Tee	N/A	22.066 × 9/16 × 1-11/16"	N/A
Suprafine® XM to XM Cross Tee	9/16"	XMM7524_ _	Suprafine XM to XM 2' Cross Tee	N/A	20.484 × 9/16 × 1-11/16"	N/A
Suprafine® XM Angle Bracket	9/16"	75AB90D_ _	Suprafine 90° Angle Bracket	N/A	22.677 × 9/16 × 1-11/16"	N/A

♦ When specifying or ordering, add 2-letter color suffix to item number.

PERFORMANCE

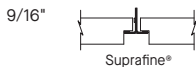
Seismic Category	CleanAssure™ Disinfectable Grid			
	Fog	Spray	Wipe	
DEF	•	•	•	•

PACKAGING

Pieces/ Carton	LT/ Carton
20	240
20	240
60	240
60	110.33
60	102.42
10	N/A

Dots represent high level of performance.

SUSPENSION SYSTEMS



ACCESSORIES (Order Separately)



Grip Clip 3-Way (GC3W)



Clip (STAC)



2" Beam End Retaining Clip (BERC2)

For additional suspension components and clips, please consult the full installation instructions at www.armstrongceilings.com/designstackz

LIGHTING PARTNERS

For more information on our partner companies, please visit armstrongceilings.com/partners

Compatible with:
JLC-Tech T-BAR
STAX Lights



For more information, visit jlc-tech.com/t-bar-stax/

SEISMIC PERFORMANCE

Main Beams
7500, 7501

Minimum Lbs. To Pull Out Compression/
Tension
335.0

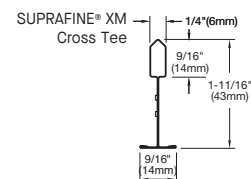
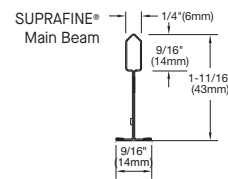
Cross Tees

All XM and XL cross tees meet or exceed
180 lbs. in compression/tension

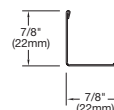
ICC Reports

For areas under ICC jurisdiction, see ICC evaluation report number 1308 for allowable values and/or conditions of use concerning the suspension system components listed on this page. The report is subject to reexamination, revisions and possible cancellation.

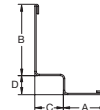
DETAILS



7/8" Hemmed
Angle Molding



Shadow Molding



PHYSICAL DATA

Material

Hot-dipped galvanized steel

Surface Finish

Baked polyester paint or anodized

Manufactured and tested in accordance with ASTM C635

Face Dimension

9/16"

Profile

Exposed tee

Cross Tee/Main Beam Interface
Override

End Detail

Main Beam: Staked-on clip
Cross Tee: Staked-on hook clip

Duty Classification

Intermediate or Heavy-duty

Cleaning and Disinfecting

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

TechLine / 1 877 276-7876
armstrongceilings.com/designstackz
BPCS-7197-925

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MINERAL FIBER – Standard