(new) # 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
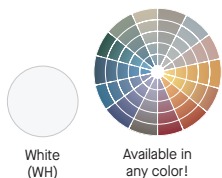
· 10-Year Limited System Warranty

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

(new) · 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.

White
(WH)

Available in
any color!

Armstrong®
World Industries

SUSTAIN™
High Performance
Sustainable Ceiling Systems

Declare.

LEED® WELL™ LBC

UP TO **76%** RECYCLED CONTENT

Calculate sustainability with Ecomedes
armstrongceilings.com/ecomedes

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
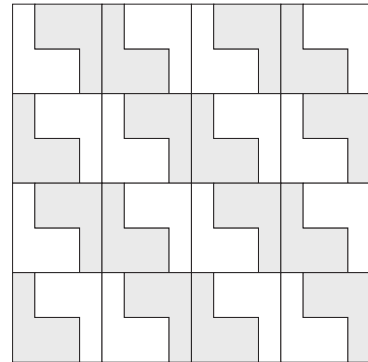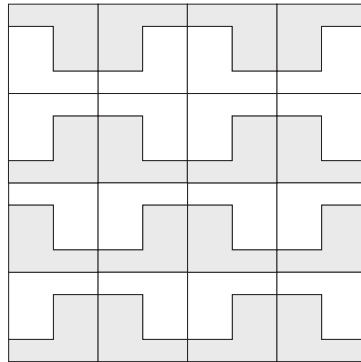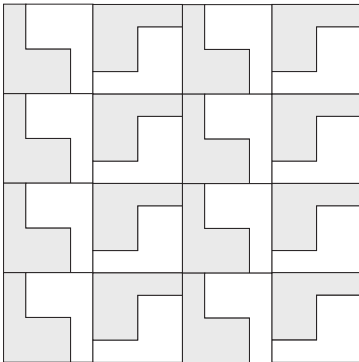
▲ LOCATION DEPENDENT

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 ↗

NRC + CAC

MINERAL FIBER – Standard

DesignStackz™ Ceiling System

Tegular Panels
smooth texture

VISUAL SELECTION

PERFORMANCE Dots represent high level of performance.

DesignStackz panels 9/16" Square Tegular

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.

Item No.	Description	Dimensions (Inches)	NRC	CAC	Total Acoustics[1]	Articulation Class	Fire Performance	Light Reflect★	Mold & Mildew Protection (Bio-Block)	Sag Resistant (Humi-Guard+)	Certified Low VOC Emissions	Durability	Recycle Program	30-Yr Warranty
8790	Left "L"	48 × 36 × 1"	0.70	37	BETTER	170	Class A	0.85	•	•	•	•	•	•
8791	Right "L"	48 × 36 × 1"	0.70	37	BETTER	170	Class A	0.85	•	•	•	•	•	•
8792	24" x 24"	24 × 24 × 1"	0.70	37	BETTER	170	Class A	0.85	•	•	•	•	•	•
8793	24" x 48"	48 × 24 × 1"	0.70	37	BETTER	170	Class A	0.85	•	•	•	•	•	•
8794	12" x 48"	48 × 12 × 1"	0.70	37	BETTER	170	Class A	0.85	•	•	•	•	•	•
8795	6" x 48"	48 × 6 × 1"	0.70	37	BETTER	170	Class A	0.85	•	•	•	•	•	•
8796	4" x 48"	48 × 4 × 1"	0.70	37	BETTER	170	Class A	0.85	•	•	•	•	•	•

[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

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MINERAL FIBER – Standard

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 A5, Form 2, Pattern E; 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

DesignStackz™ Ceiling System
9/16" Suspension System

SUSTAIN™ High Performance Sustainable Ceiling Systems

Declare.

LEED® WELL™ LBC

UP TO **63%** RECYCLED CONTENT

Calculate sustainability with Ecomedes
armstrongceilings.com/ecomedes

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

▲ LOCATION DEPENDENT

VISUAL SELECTION / PERFORMANCE / PACKAGING

	Face Profile	Item No. ◆	Description	Rout Spacing	Dimensions (Inches)	Hanger Spacing★ LBS/LF	Seismic Category	Fog	Spray	Wipe	Pieces/ Carton	LFT/ Carton
Compatible Suprafine® XL® Components	9/16"	**7501_ _**	12' HD Main Beam	6" O.C.	144 × 9/16 × 1-11/16"	16.86 @ 4'	•	•	•	•	20	240
	9/16"	**7500_ _**	12' ID Main Beam	6" O.C.	144 × 9/16 × 1-11/16"	12.75 @ 4'	•	•	•	•	20	240
	9/16"	**XL7549_ _**	4' Cross Tee	N/A	48 × 9/16 × 1-11/16"	16.42 @ 4'	•	•	•	•	60	240
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		•	•	•	60	110.33
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		•	•	•	60	102.42
Suprafine® XM Angle Bracket	9/16"	**75AB90D_ _**	Suprafine 90° Angle Bracket	N/A	22.677 × 9/16 × 1-11/16"	N/A		•	•	•	10	N/A

CleanAssure™ Disinfectable Grid: Fog, Spray, Wipe

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

Dots represent high level of performance.

SUSPENSION SYSTEMS

9/16"

Suprafine®
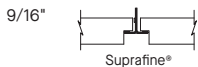
ACCESSORIES (Order Separately)

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

JLC•tech

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

DETAILS

SUPRAFINE® Main Beam
1/4"(6mm)
9/16" (14mm)
1-11/16" (43mm)
9/16" (14mm)

SUPRAFINE® XM Cross Tee
1/4"(6mm)
9/16" (14mm)
1-11/16" (43mm)
9/16" (14mm)

7/8" Hemmed Angle Molding
7/8" (22mm)
7/8" (22mm)
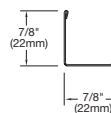
Shadow Molding

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.
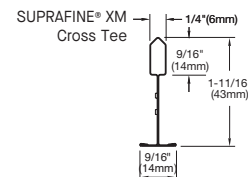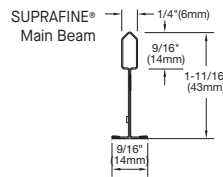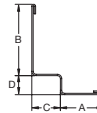
PHYSICAL DATA

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

NRC/CAC

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Armstrong® World Industries