

SUPRAFINE® XM for DesignFlex® Shapes 9/16" Exposed Tee System



SHAPES



SIZES

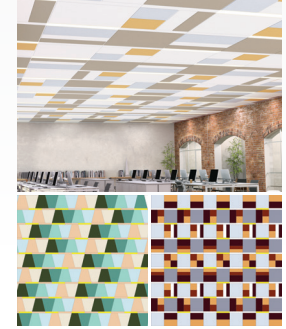


COLOR

DESIGNFLEX® CEILING SYSTEMS

PERSONALIZE YOUR DESIGN!

Mix and match different sizes, shapes, colors, and materials to reinvent your ceiling. More at: armstrongceilings.com/designflex



KEY SELECTION ATTRIBUTES

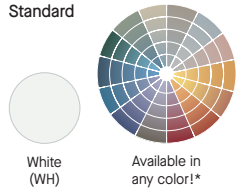
- DesignFlex® options mean tailor-made shapes, sizes, and colors with shorter lead times
- Suprafine® XM is part of the Sustain™ portfolio and meets the most stringent industry sustainability compliance standards today – White and 13 Sustain colors only
- CleanAssure™ family of products – includes disinfectable panels, suspension systems, and trim
- PeakForm® profile increases strength and stability for improved performance during installation
- 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
- 10-Year Limited System Warranty



Suprafine® XM for DesignFlex®

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

Standard



* Colors that are pre-qualified to meet Sustain™ portfolio requirements are available upon request. Other made-to-order colors must be evaluated if sustainability criteria is required. Lead time will increase.

VISUAL SELECTION

	Face Profile	Item No. ♦	Description	Roof 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'
	9/16"	XL7520_ _	2" Cross Tee	N/A	24 × 9/16 × 1-11/16"	51.83 @ 2'
Suprafine® XM Cross Tees	9/16"	XM754524_ _	Suprafine 45° Cross Tee – 24" Main Beam Spacing	N/A	30.425 × 9/16 × 1-11/16"	N/A
	9/16"	XM754548_ _	Suprafine 45° Cross Tee – 48" Main Beam Spacing	N/A	64.366 × 9/16 × 1-11/16"	N/A
	9/16"	XM756024_ _	Suprafine 60° Cross Tee – 24" Main Beam Spacing	N/A	22.677 × 9/16 × 1-11/16"	N/A
	9/16"	XM756048_ _	Suprafine 60° Cross Tee – 48" Main Beam Spacing	N/A	49.510 × 9/16 × 1-11/16"	N/A
	9/16"	XM757524_ _	Suprafine 75° Cross Tee – 24" Main Beam Spacing	N/A	16.923 × 9/16 × 1-11/16"	N/A
	9/16"	XM757548_ _	Suprafine 75° Cross Tee – 48" Main Beam Spacing	N/A	41.611 × 9/16 × 1-11/16"	N/A
	9/16"	XM7524_ _	Suprafine Perimeter Cross Tee – 24" Main Beam Spacing	N/A	34 × 9/16 × 1-11/16"	N/A
Suprafine XM Perimeter Cross Tees	9/16"	XM7548_ _	Suprafine Perimeter Cross Tee – 48" Main Beam Spacing	N/A	68 × 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	LFT/ Carton
20	240
20	240
60	240
60	120
60	169.705
20	113.137
60	134.165
60	268.330
60	84.615
60	208.305
60	170
20	113.3

Dots represent high level of performance.

SUPRAFINE® XM for DesignFlex® Shapes

9/16" Exposed Tee 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	✓

VISUAL SELECTION

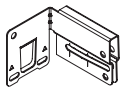
	Face Profile	Item No. ♦	Description	Roof Spacing	Dimensions (Inches)	Hanger Spacing* LBS/LF	Seismic Category 	Pieces/ Carton	LF/ Carton	
Suprafine® XM Angle Brackets	9/16"	75AB45L__	Suprafine 45° Left Angle Bracket	N/A	N/A	N/A	N/A	10	N/A	
		75AB45R__	Suprafine 45° Right Angle Bracket	N/A	N/A	N/A	N/A	10	N/A	
		75AB45D__	Suprafine 45° Double Angle Bracket	N/A	N/A	N/A	N/A	10	N/A	
		75AB60L__	Suprafine 60° Left Angle Bracket	N/A	N/A	N/A	N/A	10	N/A	
		75AB60R__	Suprafine 60° Right Angle Bracket	N/A	N/A	N/A	N/A	10	N/A	
		75AB60D__	Suprafine 60° Double Angle Bracket	N/A	N/A	N/A	N/A	10	N/A	
		75AB75L__	Suprafine 75° Left Angle Bracket	N/A	N/A	N/A	N/A	10	N/A	
		75AB75R__	Suprafine 75° Right Angle Bracket	N/A	N/A	N/A	N/A	10	N/A	
		75AB75D__	Suprafine 75° Double Angle Bracket	N/A	N/A	N/A	N/A	10	N/A	
Suprafine® XM Corner Bracket	9/16"	75CB45__	Suprafine 45° Corner Bracket	N/A	N/A	N/A	N/A	10	N/A	
		75CB60L__	Suprafine 60° Left Corner Bracket	N/A	N/A	N/A	N/A	10	N/A	
		75CB60R__	Suprafine 60° Right Corner Bracket	N/A	N/A	N/A	N/A	10	N/A	
		Item No. ♦	Description	Length	(A) Flange	(B) Height	(C) Reveal	(D) Reveal	Pieces/ Carton	LF/ Carton
Suggested Wall Moldings and Shadow Moldings		7800__	12' Hemmed Angle Molding	144"	7/8"	7/8"	N/A	N/A	30	360
		HD7801__	10' Hemmed Angle Molding	120"	7/8"	7/8"	N/A	N/A	30	300
		7874__	10' Shadow Molding	120"	9/16"	15/16"	1/4"	N/A	30	300
		7889__	10' Hemmed Shadow Molding	120"	9/16"	15/16"	3/8"	1/4"	30	300
		7877__	10' Seismic Shadow Molding	120"	15/16"	15/16"	1/4"	N/A	30	300
		7804__	12' Hemmed Angle Molding	144"	9/16"	7/8"	N/A	N/A	30	360

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

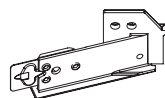
* To derive maximum lbs/SF, divide the on-center spacing of the component into the lbs/LF given in the load test data table.

ACCESSORIES

2" Beam End Retaining Clip
BERC2 – 200 pcs



Spring Border Clip
7870 – 1000 pcs



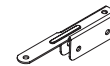
Optima® Stabilizer Clip
435A – 50 pcs



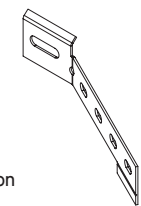
Prelude® XL MAX® Hold-down Clip
PMHDC – 100 pcs



Perimeter Angle Clip
PAC – 50 pcs



Axiom® Perimeter Corner Clip
PCC – 10 pcs



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

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

Design Considerations

All acoustical grid and Axiom trim accessories (a.k.a. clips) are supplied as unpainted items. Exposed clips

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armstrongceilings.com/suprafinexm
BPCS-6105-925

will need to be field painted after installation, if required for the project. This ensures accessories meet the tested performance criteria and adhere to AWI installation instructions and warranted products or systems.

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

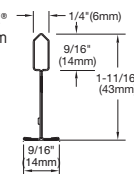
Cleaning and Disinfecting

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

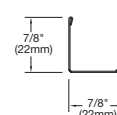
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DETAILS

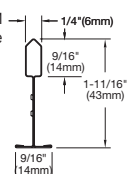
SUPRAFINE® Main Beam



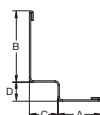
7/8" Hemmed Angle Molding



SUPRAFINE® XM Cross Tee



Shadow Molding



Armstrong®
World Industries

DESIGNFLEX® INSTALLATION