

**new** SUPRAFINE® XM  
for DESIGNFlex™  
9/16" Exposed Tee System



**SUSTAIN™**  
High Performance  
Sustainable  
Ceiling Systems



**DESIGNFlex™**  
A New World of Choice  
for Ceiling Systems

**DESIGNFlex™**  
CEILING SYSTEMS




**Personalize Your Design!**

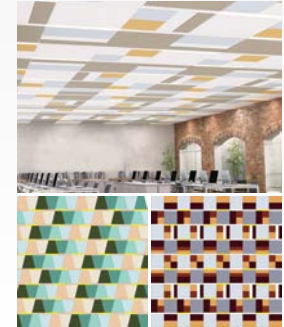
Mix and match different sizes, shapes, colors, and materials to reinvent your ceiling. More at: [armstrongceilings.com/designflex](http://armstrongceilings.com/designflex)



Suprafine® XM for 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 sustainability compliance standards today – White and 13 Sustain colors only
- **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



**COLOR AND FINISH SELECTION**

Standard



White (WH)



Tech Black (BL)



Silver Grey (SG)



Gun Metal Grey (MY)





Available in any color!

**VISUAL SELECTION**

Item No. ♦	Face Profile	Description	Roof Spacing	Dimensions (Inches)	Hanger Spacing* Lbs./Lin. Ft.
<b>Compatible Suprafine® XL® Components</b>					
7501__	9/16"	12' HD Main Beam	6" O.C.	144 x 9/16 x 1-11/16"	16.86 @ 4'
7500__	9/16"	12' ID Main Beam	6" O.C.	144 x 9/16 x 1-11/16"	12.75 @ 4'
XL7549__	9/16"	4' Cross Tee	–	48 x 9/16 x 1-11/16"	16.42 @ 4'
XL7520__	9/16"	2' Cross Tee	–	24 x 9/16 x 1-11/16"	51.83 @ 2'
<b>Suprafine® XM Cross Tees</b>					
XM754524__	9/16"	Suprafine 45° Cross Tee – 24" Main Beam Spacing	–	30.425 x 9/16 x 1-11/16"	–
XM754548__	9/16"	Suprafine 45° Cross Tee – 48" Main Beam Spacing	–	64.366 x 9/16 x 1-11/16"	–
XM756024__	9/16"	Suprafine 60° Cross Tee – 24" Main Beam Spacing	–	22.677 x 9/16 x 1-11/16"	–
XM756048__	9/16"	Suprafine 60° Cross Tee – 48" Main Beam Spacing	–	49.510 x 9/16 x 1-11/16"	–
XM757524__	9/16"	Suprafine 75° Cross Tee – 24" Main Beam Spacing	–	16.923 x 9/16 x 1-11/16"	–
XM757548__	9/16"	Suprafine 75° Cross Tee – 48" Main Beam Spacing	–	41.611 x 9/16 x 1-11/16"	–
<b>Suprafine® XM Perimeter Cross Tees</b>					
XM7524__	9/16"	Suprafine Perimeter Cross Tee – 24" Main Beam Spacing	–	34 x 9/16 x 1-11/16"	–
XM7548__	9/16"	Suprafine Perimeter Cross Tee – 48" Main Beam Spacing	–	68 x 9/16 x 1-11/16"	–

♦ When specifying or ordering, add 2-letter color suffix to item number.  
\* 13 Sustain™ colors can be found in the Suspension Systems section of this catalog – Pg. 449.

**PERFORMANCE**

Fire Guard™	Seismic Category
	

Dots represent high level of performance.

**PACKAGING**

Pcs./ Ctn.	Lin. Ft./ Ctn.
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

**new** SUPRAFINE<sup>®</sup> XM  
for DESIGNflex<sup>™</sup>  
9/16" Exposed Tee System

Declare<sup>SM</sup>  
Living Building  
Challenge Compliant

**SUSTAIN<sup>SM</sup>**  
High Performance  
Sustainable  
Ceiling Systems

UP TO **63%** RECYCLED CONTENT

**LEED<sup>®</sup>**

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

Calculate LEED contribution at  
[armstrongceilings.com/greengenie](http://armstrongceilings.com/greengenie)

**VISUAL SELECTION**

LOCATION DEPENDENT

**PERFORMANCE**

**PACKAGING**

Item No. ◆	Face Profile	Description	Row Spacing	Dimensions (Inches)	Hanger Spacing* Lbs./Lin. Ft.	Fire Guard <sup>™</sup>	Seismic Category	Pcs./ Ctn.	Lin. Ft./ Ctn.
<b>Suprafine<sup>®</sup> XM Angle Brackets</b>									
75AB45L_ _	9/16"	Suprafine 45° Left Angle Bracket	-	-	-	-	-	10	-
75AB45R_ _	9/16"	Suprafine 45° Right Angle Bracket	-	-	-	-	-	10	-
75AB45D_ _	9/16"	Suprafine 45° Double Angle Bracket	-	-	-	-	-	10	-
75AB60L_ _	9/16"	Suprafine 60° Left Angle Bracket	-	-	-	-	-	10	-
75AB60R_ _	9/16"	Suprafine 60° Right Angle Bracket	-	-	-	-	-	10	-
75AB60D_ _	9/16"	Suprafine 60° Double Angle Bracket	-	-	-	-	-	10	-
75AB75L_ _	9/16"	Suprafine 75° Left Angle Bracket	-	-	-	-	-	10	-
75AB75R_ _	9/16"	Suprafine 75° Right Angle Bracket	-	-	-	-	-	10	-
75AB75D_ _	9/16"	Suprafine 75° Double Angle Bracket	-	-	-	-	-	10	-
<b>Suprafine<sup>®</sup> XM Corner Bracket</b>									
75CB45_ _	9/16"	Suprafine 45° Corner Bracket	-	-	-	-	-	10	-
75CB60L_ _	9/16"	Suprafine 60° Left Corner Bracket	-	-	-	-	-	10	-
75CB60R_ _	9/16"	Suprafine 60° Right Corner Bracket	-	-	-	-	-	10	-

Item No. ◆	Description	Length	(A) Flange	(B) Height	(C) Reveal	(D) Reveal	Pcs./ Ctn.	LFT/ Ctn.
<b>Suggested Wall Moldings and Shadow Moldings</b>								
7800_ _	12' Hemmed Angle Molding	144"	7/8"	7/8"	-	-	30	360
HD7801_ _	10' Hemmed Angle Molding	120"	7/8"	7/8"	-	-	30	300
7874_ _	10' Shadow Molding	120"	9/16"	15/16"	1/4"	-	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"	-	30	300
7804_ _	12' Hemmed Angle Molding	144"	9/16"	7/8"	-	-	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**

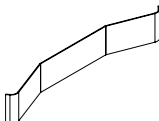
2" Beam End Retaining Clip

BERC2 – 200 pcs



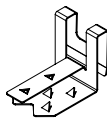
Spring Border Clip

7870 – 1000 pcs



Optima<sup>®</sup> Stabilizer Clip

435A – 50 pcs



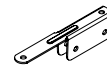
Prelude<sup>®</sup> XL MAX<sup>®</sup> Hold Down Clip

PMHDC – 100 pcs



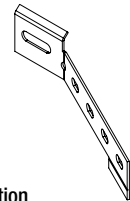
Perimeter Angle Clip

PAC – 50 pcs



Axiom<sup>®</sup> Perimeter Corner Clip

PCC – 10 pcs



For additional suspension components and clips, please consult the full installation instructions at [www.armstrongceilings.com/shapesinstallation](http://www.armstrongceilings.com/shapesinstallation)

**SEISMIC PERFORMANCE**

**Main Beams**  
7500, 7501

**Minimum Lbs. To Pull Out Compression/Tension**  
335.0

**Cross Tees**

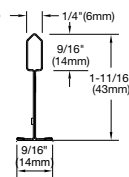
All XM and XL cross tees meet or exceed 180 lbs. in compression/tension

**ICC Reports**

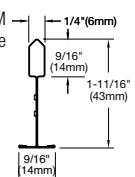
For areas under ICC jurisdiction, see ICC evaluation report number 1308 for allowable values and/or conditions of use concerning the suspension system components listed on this page. The report is subject to reexamination, revisions and possible cancellation.

**DETAILS**

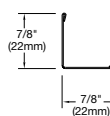
SUPRAFINE<sup>®</sup> Main Beam



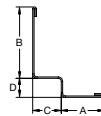
SUPRAFINE<sup>®</sup> XM Cross Tee



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

TechLine / 1 877 276-7876  
[armstrongceilings.com/designflex](http://armstrongceilings.com/designflex)  
(search: suprafine)  
BPCS-5852-419

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