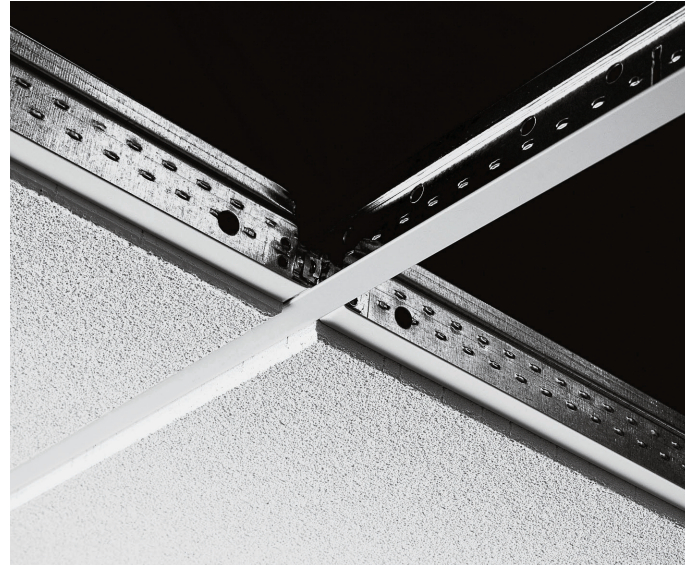


SUPRAFINE® XL® & ML SUPRAFINE XL High Recycled Content (HRC) Exposed Tee Suspension System



Suprafine XL suspension system

This versatile 9/16" suspension system combines durability and stability with a refined appearance.

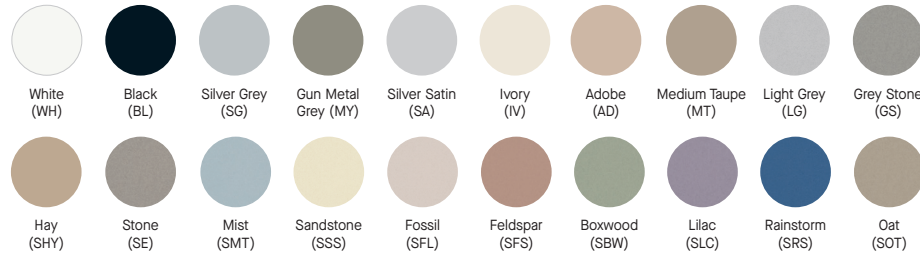
KEY SELECTION ATTRIBUTES

- Suprafine® XL® & ML and Suprafine XL HRC are part of the Sustain™ portfolio and meet the most stringent industry sustainability compliance standards today
- Seismic Rx® Suspension System saves time and money; Armstrong offers an ICC-ES approach to installations (ESR-1308)
- PeakForm® profile increases strength and stability for improved performance during installation
- CleanAssure™ family of products – includes disinfectable panels, suspension systems, and trim (Cleaning and CDC-approved disinfecting options available on armstrongceilings.com/cleaning)
- SuperLock™ main beam clip is engineered for a strong, secure connection and fast, accurate alignment confirmed with an audible click; easy to remove/relocate
- Hot-dipped galvanized coating inhibits red rusting better than electrogalvanized or painted systems
- Some items available in metric sizes
- 1-11/16" web height keeps components vertical and stable at light fixture interface
- 10-Year Limited Warranty; 30-Year Limited Ceiling Systems Warranty when used with HumiGuard® Plus products
- Made-to-Order main beams and cross tees can be ordered for your project needs in one carton minimums
- Fire Guard™ options offer UL® design fire-rated performance
- Linear lighting integration is easy with made-to-order main-beam-to-cross-tee adapters, rout spacing, miter spacing, and short cross tees (3" to 6" lengths)
- Blizzard White and Charcoal Black powder-coated finish coordinates with Calla®, Optima®, Ultima®, and Lyra® ceiling panels for a clean, seamless, monolithic installed visual

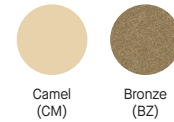


COLORS AND FINISHES Due to printing limitations, shade may vary from actual product.

Standard



Premium



Powder-Coated Finishes



NOTE: Powder-coated finishes are also available on select Axiom® Classic, Knife Edge®, and Vector® trim profiles

* 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. NOTE: 360° paint finishes and custom colors available as special order.

VISUAL SELECTION

	Item No. ♦	Description	Rout Spacing	Dimensions (Inches)	HANGER SPACING* LBS./LFT	
					4 Ft.	5 Ft.
SUPRAFINE® XL® & SUPRAFINE XL High Recycled Content	7501_ _ _	12' HD Main Beam	6" O.C.	144 × 9/16 × 1-11/16"	16.86	10.62
	7501HRC					
9/16" (Red Numbers are Fire Guard™ items)	8501					
	7536		4" O.C.			
	7500_ _ ❖	12' ID Main Beam	6" O.C.	144 × 9/16 × 1-11/16"	12.75	5.74
	8500					
	7502_ _ ❖	10' ID Main Beam	6" O.C.	120 × 9/16 × 1-11/16"	12.75	5.74
	XL7580_ _ ❖	8' Cross Tee	12" O.C.	96 × 9/16 × 1-11/16"	12.73**	N/A
	XL7590_ _ ❖	6' Cross Tee	12" O.C.	72 × 9/16 × 1-11/16"	12.73**	N/A
	XL7558_ _ ❖	5' Cross Tee	6", 20", 30" O.C.	60 × 9/16 × 1-11/16"	N/A	5.80

** Wire at 4'
 ♦ When specifying or ordering items with a color or finish, add the two- or three-letter suffix to the end of the item number (e.g. 7501 L G _ - Light Grey)
 ❖ Available in White (WH), and Blizzard White and Charcoal Black powder-coated finishes only
 NOTE: Additional Suprafine XL items for TechZone® Integrated Ceiling Systems are listed in the TechZone Technical Guide (BPCS-4486). Available online at armstrongceilings.com/techzone

PERFORMANCE

Fire Guard™	Seismic Category	CleanAssure™ Disinfectable Grid		
		Fog	Spray	Wipe
N/A	*	*	*	*
N/A	*	*	*	*
N/A	*	*	*	*
N/A	N/A	*	*	*
N/A	N/A	*	*	*
N/A	*	*	*	*
N/A	*	*	*	*

Dots represent high level of performance.

PACKAGING

Pieces/ Carton	LFT/ Carton
20	240
20	240
20	240
20	240
20	200
20	160
20	120
60	300

ASTM Class
 HD - Heavy-duty
 ID - Intermediate-duty
 LD - Light-duty

SUSPENSION SYSTEMS – Standard

SUPRAFINE® XL® & ML SUPRAFINE XL High Recycled Content (HRC) Exposed Tee Suspension System



Declare.

LEED® WELL | LBC
UP TO 63% RECYCLED CONTENT

Calculate sustainability with Green Genie™
armstrongceilings.com/greengenie

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

LOCATION DEPENDENT

VISUAL SELECTION

PERFORMANCE

PACKAGING

Item No. ♦	Description	Rout Spacing	Dimensions (Inches)	HANGER SPACING* LBS./LFT		CleanAssure™ Disinfectable Grid					Pieces/ Carton	LFT/ Carton	
				4 Ft.	5 Ft.	Fire Guard™	Seismic Category	Fog	Spray	Wipe			
SUPRAFINE® XL® & SUPRAFINE XL High Recycled Content 9/16" (Red Numbers are Fire Guard™ items)	XL7541HRC	4' Cross Tee	12" O.C.	48 x 9/16 x 1-11/16"	12.73	N/A	*	*	*	*	60	240	
	XL7540 XL8540	4' Cross Tee	12" O.C.	48 x 9/16 x 1-11/16"	10.34	N/A	*	*	*	*	60 60	240 240	
	XL7549_ _ ❖	4' Cross Tee	12" O.C.	48 x 9/16 x 1-11/16"	16.42	N/A	*	*	*	*	60	240	
	XL7530_ _ ❖	3' Cross Tee	N/A	36 x 9/16 x 1-11/16"	N/A	N/A	*	*	*	*	60	180	
	XL7570_ _ ❖	30" Cross Tee	N/A	30 x 9/16 x 1-11/16"	28.67	N/A	*	*	*	*	60	150	
	XL7520_ _ ❖ XL7520HRC XL8520	2' Cross Tee	N/A	24 x 9/16 x 1-11/16"	51.83	N/A	*	*	*	*	60 60 60	120 120 120	
	XL7510_ _ ❖	1' Cross Tee	N/A	12 x 9/16 x 1-11/16"	51.83	N/A	*	*	*	*	120	120	
	9/16" Suprafine XL & Suprafine XL High Recycled Content												
Size Capabilities NOTE: Up to 6 weeks for color and size combinations.	1 Ctn Min FASTSIZE 2 WEEKS order to ship	Main Beam Length	Cross Tee Length	N/A	N/A	N/A	*	*	*	*	Varies	Varies	
		36" - 144"	3" - 144"										
		Rout spacing 3" from ends, 4" thereafter											
SUPRAFINE® XL® items for TechZone® Ceiling Systems 9/16" Additional items available in TechZone Technical Guide - BPCS-4486 or armstrongceilings.com/techzone	7504_ _ ❖	120" HD Main Beam	15", 42", 48", 75", 102", 108" O.C.	120 x 9/16 x 1-11/16"	12.75	10.62	N/A	*	*	*	*	20	200
	7505_ _ ❖	100" HD Main Beam	2", 26", 50", 74", 98" O.C.	100 x 9/16 x 1-11/16"	N/A	N/A	N/A	*	*	*	*	20	166
	7507_ _ ❖	144" HD Main Beam	15", 36", 42", 63", 84", 90", 11", 132", 138" O.C.	144 x 9/16 x 1-11/16"	N/A	N/A	N/A	*	*	*	*	20	240
	7508_ _ ❖	132" HD Main Beam	10", 30", 50", 56", 76", 96", 116", 122" O.C.	132 x 9/16 x 1-11/16"	N/A	N/A	N/A	*	*	*	*	20	220
	TZXL7556_ _ †	56" Cross Tee	N/A	56 x 9/16 x 1-11/16"	N/A	N/A	N/A	*	*	*	*	60	280
	XL7562_ _ ❖	42" Cross Tee	N/A	42 x 9/16 x 1-11/16"	12.34	N/A	N/A	*	*	*	*	60	210
	XL7528_ _ ❖	28" Cross Tee	N/A	28 x 9/16 x 1-11/16"	N/A	N/A	N/A	*	*	*	*	60	140
	XL7561_ _ ❖	21" Cross Tee	N/A	21 x 9/16 x 1-11/16"	N/A	N/A	N/A	*	*	*	*	60	105
	XL7506_ _ ❖	6" Cross Tee	N/A	6 x 9/16 x 1-11/16"	N/A	N/A	N/A	*	*	*	*	60	30
	XL7504_ _ ❖	4" Cross Tee	N/A	4 x 9/16 x 1-11/16"	N/A	N/A	N/A	*	*	*	*	60	20
SUPRAFINE ML 9/16"	ML7540_ _ ❖	4' Cross Tee	N/A	48 x 9/16 x 1-11/16"	10.34	N/A	N/A	*	*	*	*	60	240
	ML7520_ _ ❖	2' Cross Tee	N/A	24 x 9/16 x 1-11/16"	51.80	N/A	N/A	*	*	*	*	60	120

* Simple Span
** Wire at 4'
♦ When specifying or ordering items with a color or finish, add the two- or three-letter suffix to the end of the item number (e.g. XL7540 L G - Light Grey)
❖ Available in White (WH), and Blizzard White (ZW) and Charcoal Black (ZB) powder-coated finishes only
† Available in Black (BL), Silver Grey (SG), and Gun Metal Grey (MY) only
NOTE: Additional Suprafine XL items for TechZone Integrated Ceiling Systems are listed in the TechZone Technical Guide (BPCS-4486). Available online at armstrongceilings.com/techzone

Dots represent high level of performance.
ASTM Class
HD - Heavy-duty
ID - Intermediate-duty
LD - Light-duty



SUPRAFINE® XL® & ML SUPRAFINE XL High Recycled Content (HRC) Exposed Tee Suspension System



Declare

LEED WELL LBC
UP TO 63% RECYCLED CONTENT

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

Calculate sustainability with Green Genie™
armstrongceilings.com/greengenie

LOCATION DEPENDENT

VISUAL SELECTION

Item No. ♦	Description	Rout Spacing	Dimensions (Inches)	HANGER SPACING* LBS./LFT		
				4 Ft.	5 Ft.	
SUPRAFINE XL 360° Painted Grid to match Axiom® Trim 9/16"	AX75013_ _ _	12' ID Main Beam, Routs 6" O.C.	N/A	144 x 9/16 x 1-11/16"	16.86	10.62
	AX75203_ _ _	2' Cross Tee	N/A	24 x 9/16 x 1-11/16"	51.83	N/A
	AX75403_ _ _	4' Cross Tee	N/A	48 x 9/16 x 1-11/16"	10.34	N/A

PERFORMANCE

Fire Guard™	Seismic Category	CleanAssure™ Disinfectable Grid		
DEF	DEF	Fog	Spray	Wipe
N/A	N/A	*	*	*
N/A	N/A	*	*	*
N/A	N/A	*	*	*

PACKAGING

Pieces/ Carton	LFT/ Carton
20	240
60	120
60	240

- * Simple Span
- ♦ When specifying or ordering items with a color or finish, add the two- or three-letter suffix to the end of the item number (e.g. AX75003 L G _ - Light Grey)

Dots represent high level of performance.

ASTM Class
HD - Heavy-duty
ID - Intermediate-duty
LD - Light-duty

VISUAL SELECTION

Item No. ♦	Description	Length	(A) Flange	(B) Flange	(C) Reveal	(D) Reveal	Pieces/ Carton	LFT/ Carton	
							10	100	
Suggested Wall Moldings and Shadow Moldings (Additional molding options available)	7808_ _ ††	10' Hemmed Angle Molding	120"	2"	2"	N/A	N/A	10	100
	7804_ _ - 7804HRC	12' Hemmed Angle Molding	144"	9/16"	7/8"	N/A	N/A	30	360
	7800_ _ † 7800HRC	12' Hemmed Angle Molding	144"	7/8"	7/8"	N/A	N/A	30	360
	7835	10' Channel Molding	120"	7/8"	1-3/4"	3/8"	N/A	20	200
	7873_ _ ❖	10' Shadow Molding	120"	9/16"	15/16"	3/8"	N/A	30	300
	7874_ _ ❖	10' Shadow Molding	120"	9/16"	15/16"	1/4"	N/A	30	300
	7878_ _ **†	10' Seismic Shadow Molding	120"	15/16"	15/16"	3/8"	N/A	30	300
	7889_ _ ❖	10' Shadow Molding	120"	9/16"	15/16"	3/8"	1/4"	30	300
	7850_ _ ❖	12' Hemmed Angle Molding	144"	1-1/8"	7/8"	N/A	N/A	30	360

- ** Suitable for IBC Category D,E,F installations using Armstrong® Seismic Rx® suspension system and BERC2 Clip
- ♦ When specifying or ordering items with a color or finish, add the two- or three-letter suffix to the end of the item number (e.g., 7808 L G _ - Light Grey)
- ❖ Available in White (WH), and Blizzard White (ZW) and Charcoal Black (ZB) powder-coated finishes only
- † Not available in Silver Grey (SG), Gun Metal Grey (MY), or Silver Satin (SA).
- †† Available in White (WH), Silver Grey (SG), Silver Satin (SA), and Blizzard White (ZW) and Charcoal Black (ZB) powder-coated finishes only

PACKAGING

Pieces/ Carton	LFT/ Carton
10	100
30	360
30	360
20	200
30	300
30	300
30	300
30	360

MAXIMUM FIXTURE WEIGHT

Drawing Key: Main beam (↑) Cross tee (---) Hanger wire (+)

Configuration	Item No.	Fixture		Planning Module		Hanger Spacing		Maximum Weight	
		A	B	A	B	A	B	A	B
Main Beam to Main Beam	8500/7500/7502 7501	24" x 48"	24" x 48"	48" x 48"	48" x 48"	48"	48"	73.36 lbs.	57.07 lbs.
		24" x 48"	24" x 48"	48" x 48"	48" x 48"	48"	48"	100 lbs.	70.8 lbs.
	7500/7502 7501	12" x 48"	12" x 48"	48" x 48"	48" x 48"	48"	48"	68 lbs.	44 lbs.
		12" x 48"	12" x 48"	48" x 48"	48" x 48"	48"	48"	85 lbs.	61 lbs.
Cross Tee to Cross Tee	XL7540 XL7541 ML7540	24" x 48"	24" x 24"	48" x 48"	48" x 48"	48"	48"	55 lbs.	67 lbs.
		24" x 48"	24" x 24"	48" x 48"	48" x 48"	48"	48"	73 lbs.	84 lbs.
		24" x 48"	24" x 24"	48" x 48"	48" x 48"	48"	48"	65.71 lbs.	76 lbs.
	ML7540 XL7541	24" x 48"	12" x 48"	48" x 48"	48" x 48"	48"	48"	46 lbs.	-
		24" x 48"	12" x 48"	48" x 48"	48" x 48"	48"	48"	52 lbs.	-

Main beams tested as follows: 7500 tested at 12.7 lbs./lin. ft. to 1/360 of 4' span; 7501 tested at 16.86 lbs./lin. ft. to 1/360 of 4' span; 8500 tested at 13.3 lbs./lin. ft. to 1/360 of 4' span. 48" cross tee tested at 10.34 lbs./lin. ft. to 1/360 of 4' span.

Cross tees tested as follows: 48" cross tee tested at 10.34 lbs./lin. ft. to 1/360 of 4' span.

Fixtures weighing more than 56 lbs. should be independently supported. Light fixture clips are required at all fixture locations. Fixture weight is based on single fixture only. For end-to-end fixtures or other configurations not shown, consult your Armstrong representative.

NOTE: The above data is based on 48" hanger wire spacing, board weight of 1 lb./sq. ft., maximum deflection of tees not to exceed 1/360 of the span, and suspension system installed in accordance with ASTM C636. To derive maximum lbs/sf, divide the O.C. spacing of the component into the lbs/lf given in the load test data table.

TechLine 877 276-7876
armstrongceilings.com/suprafine



SUSPENSION SYSTEMS - Standard

SUPRAFINE® XL® & ML

SUPRAFINE XL

High Recycled Content (HRC)

Exposed Tee Suspension System



Declare.

LEED® WELL | LBC

UP TO 63% RECYCLED CONTENT

Calculate sustainability with Green Genie™ armstrongceilings.com/greengenie

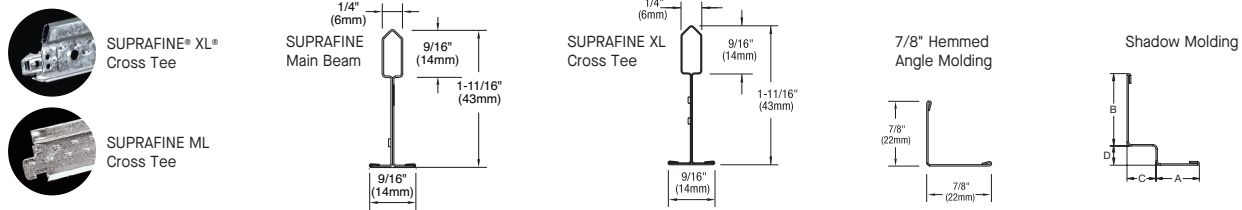
energy management	✓
construction waste mgmt	✓
regional materials	✓
design for flexibility	
EPD	
recyclable/producer resp.	
biobased materials	
recycled content	✓
sourcing of raw materials	
material ingredient reporting	
low emitting materials	
lighting quality	
acoustics	

LOCATION DEPENDENT

ACCESSORIES

Item No.	Description	Pieces/ Carton		Item No.	Description	Pieces/ Carton	
BERC2	2" Beam End Retaining Clip Allows you to create a code compliant Seismic D, E, F ceiling installation while eliminating the need to use 2" wall molding or spreader bars.			ES49	Expansion Sleeves For 9/16" Suprafine		
BERC2	Steel	200		ES49		200	
FZBERC2	Steel	50		FZES49		50	
ALBERC2	Aluminum	200		GCWA	Grip Clip Wall Attachment Joins main beam or cross tee to wall molding via locking barbs without pop rivets or screws.		
FZALBERC2	Aluminum	50		GCWA		200	
STAC	Single Tee Adapter Clip Used to create code-compliant non-seismic and seismic C and D, E, F off-module main beam to cross tee connections.			FZGCWA		50	
STAC		100					
FZSTAC		50					

DETAILS



SEISMIC PERFORMANCE

Main Beams
 7501, 7501HRC, 7504, 7505, 7507, 7536, 8501
 Minimum Lbs. To Pull Out Compression/Tension
 335.0

Cross Tees
 XL7558, XL7540, XL7549, XL7520, XL7510, XL8520, XL7570, XL7590, XL7580, XL8540, XL7541, 753032, 752032, ML7540, ML7520
 Minimum Lbs. To Pull Out Compression/Tension
 352.0, 130.0

ICC Reports
 For areas under ICC jurisdiction, see ICC evaluation report number ESR-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 powder-coated
 Manufactured and tested in accordance with ASTM C635

Face Dimension
 9/16"

Profile
 Exposed tee

Installation Consideration
 If pop-riveting must be used on powder-coated material, pre-drill with a sharp 1/8" drill bit to minimize potential paint chipping.

Design Considerations
 Physical product samples for standard and 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.

Cross Tee/Main Beam Interface
 XL - Override
 ML - Flush fit

End Detail
 Main Beam: Staked-on clip
 XL Cross Tee: Staked-on hook
 ML Cross Tee: Staked-on hoop clip

Duty Classification
 Intermediate or Heavy-duty

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

