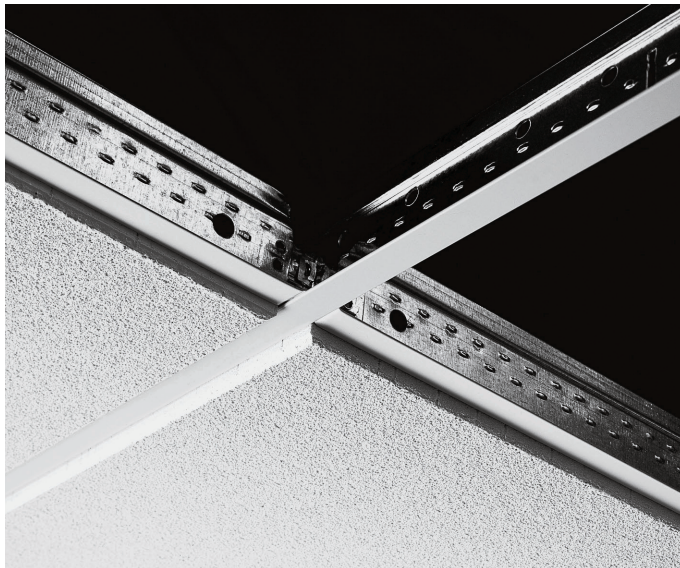


SUPRAFINE® XL® & ML
 SUPRAFINE XL High Recycled Content (HRC)
 Exposed Tee Suspension System



SUSTAIN™
 High Performance
 Sustainable
 Ceiling Systems



▲ Suprafine XL suspension system

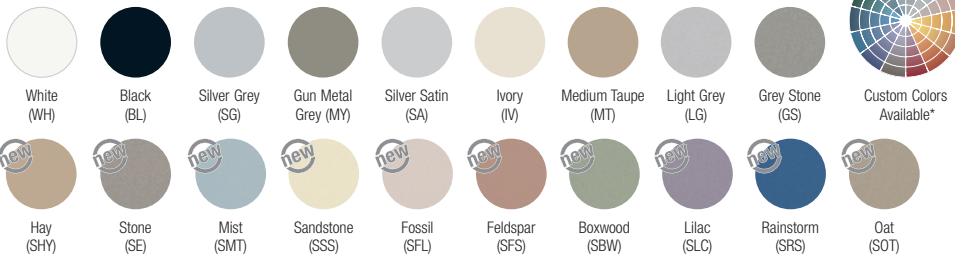
This versatile 9/16" suspension system combines durability and stability with a refined appearance.

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



* 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.
7501 ___ 7501HRC	12' HD Main Beam	6" O.C.	144 x 9/16 x 1-11/16"	16.86	10.62
8501 7536	9/16" High Recycled Content	4" O.C.			
7500 ___ ❖ 8500	12' ID Main Beam	6" O.C.	144 x 9/16 x 1-11/16"	12.75	5.74
7502 ___ ❖	10' ID Main Beam	6" O.C.	120 x 9/16 x 1-11/16"	12.75	5.74
XL7580 ___ ❖	8' Cross Tee	12" O.C.	96 x 9/16 x 1-11/16"	12.73**	N/A
XL7590 ___ ❖	6' Cross Tee	12" O.C.	72 x 9/16 x 1-11/16"	12.73**	N/A
XL7558 ___ ❖	5' Cross Tee	6", 20", 30" O.C.	60 x 9/16 x 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	•	•	•

Dots represent high level of performance.

PACKAGING

Pieces/ Carton	LFT/ Carton
20	240
20	240
20	240
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

Exposed Tee Suspension System



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armstrongceilings.com/greengenie

LOCATION DEPENDENT

VISUAL SELECTION

	Item No. ♦	Description	Rout Spacing	Dimensions (Inches)	HANGER SPACING* LBS./LFT		
					4 Ft.	5 Ft.	
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	
	XL7540 XL8540	4' Cross Tee	12" O.C.	48 x 9/16 x 1-11/16"	10.34	N/A	
	XL7549	4' Cross Tee	12" O.C.	48 x 9/16 x 1-11/16"	16.42	N/A	
	XL7530	3' Cross Tee	N/A	36 x 9/16 x 1-11/16"	N/A	N/A	
	XL7570	30" Cross Tee	N/A	30 x 9/16 x 1-11/16"	28.67	N/A	
	XL7520 XL7520HRC XL8520	2' Cross Tee	N/A	24 x 9/16 x 1-11/16"	51.83	N/A	
	XL7510	1' Cross Tee	N/A	12 x 9/16 x 1-11/16"	51.83	N/A	
SUPRAFINE® XL® items for TechZone® Ceiling Systems 9/16" Additional items available in TechZone Technical Guide – BPCS-4486 or armstrongceilings.com/techzone	9/16" Suprafine XL & Suprafine XL High Recycled Content						
	Size Capabilities	1 Ctn Min FASTSIZE 2 WEEKS order to ship		Main Beams Length	Cross Tees Length	N/A	
	NOTE: Up to 6 weeks for color and size combinations.			36" – 144"	6" – 144"	N/A	N/A
				Rout spacing 3" from ends, 6" thereafter			
	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	
	7505	100" HD Main Beam	2", 26", 50", 74", 98" O.C.	100 x 9/16 x 1-11/16"	N/A	N/A	
	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	
	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	
TZXL7556	56" Cross Tee	N/A	56 x 9/16 x 1-11/16"	N/A	N/A		
XL7562	42" Cross Tee	N/A	42 x 9/16 x 1-11/16"	12.34	N/A		
XL7528	28" Cross Tee	N/A	28 x 9/16 x 1-11/16"	N/A	N/A		
XL7561	21" Cross Tee	N/A	21 x 9/16 x 1-11/16"	N/A	N/A		
XL7506	6" Cross Tee	N/A	6 x 9/16 x 1-11/16"	N/A	N/A		
XL7504	4" Cross Tee	N/A	4 x 9/16 x 1-11/16"	N/A	N/A		
SUPRAFINE ML 9/16"	ML7540	4' Cross Tee	N/A	48 x 9/16 x 1-11/16"	10.34	N/A	
	ML7520	2' Cross Tee	N/A	24 x 9/16 x 1-11/16"	51.80	N/A	

PERFORMANCE

Fire Guard™ DEF	Seismic Category	CleanAssure™ Disinfectable Grid			Fog	Spray	Wipe	Pieces/ Carton	LFT/ Carton
		Fog	Spray	Wipe					
N/A	•	•	•	•	•	•	60	240	
N/A	•	•	•	•	•	•	60	240	
N/A	•	•	•	•	•	•	60	240	
N/A	•	•	•	•	•	•	60	180	
N/A	•	•	•	•	•	•	60	150	
N/A	•	•	•	•	•	•	60	120	
N/A	•	•	•	•	•	•	60	120	
N/A	•	•	•	•	•	•	60	120	
N/A	•	•	•	•	•	•	120	120	
N/A	•	•	•	•	•	•	Varies	Varies	
N/A	•	•	•	•	•	•	20	200	
N/A	•	•	•	•	•	•	20	166	
N/A	•	•	•	•	•	•	20	240	
N/A	•	•	•	•	•	•	20	220	
N/A	•	•	•	•	•	•	60	280	
N/A	•	•	•	•	•	•	60	210	
N/A	•	•	•	•	•	•	60	140	
N/A	•	•	•	•	•	•	60	105	
N/A	•	•	•	•	•	•	60	30	
N/A	•	•	•	•	•	•	60	20	
N/A	N/A	•	•	•	•	•	60	240	
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

Exposed Tee Suspension System



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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					
AX75003_ _ _	12' ID Main Beam, Routs 6" O.C.	N/A	144 x 9/16 x 1-11/16"	12.75	5.74
AX75013_ _ _	12' ID Main Beam, Routs 6" O.C.	N/A	144 x 9/16 x 1-11/16"	16.86	10.62
AX75103_ _ _	1' Cross Tee	N/A	12 x 9/16 x 1-11/16"	51.83	N/A
AX75203_ _ _	2' Cross Tee	N/A	24 x 9/16 x 1-11/16"	51.83	N/A
AX75703_ _ _	30" Cross Tee	N/A	30 x 9/16 x 1-11/16"	28.67	N/A
AX75403_ _ _	4' Cross Tee	N/A	48 x 9/16 x 1-11/16"	10.34	N/A
AX75583_ _ _	5' Cross Tee	6", 20", and 30" from ends	60 x 9/16 x 1-11/16"	N/A	5.80

* 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)

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	N/A	•	•	•
N/A	N/A	•	•	•

Dots represent high level of performance.

PACKAGING

Pieces/ Carton	LFT/ Carton
20	240
20	240
120	120
60	120
60	150
60	240
60	300

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
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	120"	1-1/8"	7/8"	N/A	N/A	30	300

** 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	300

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/ft given in the load test data table.



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Exposed Tee Suspension System



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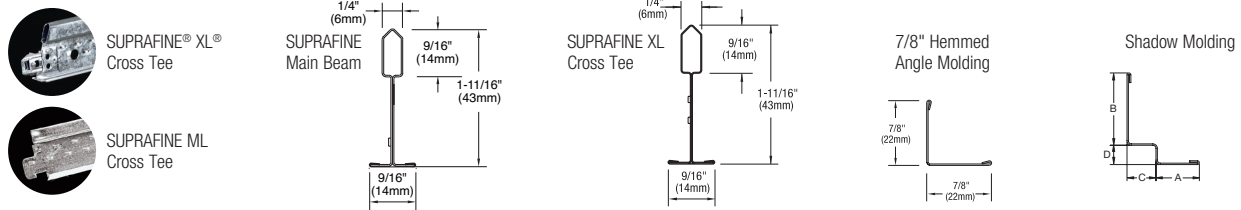
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LOCATION DEPENDENT

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

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 clip
ML Cross Tee: Staked-on hook clip

Duty Classification
Intermediate or Heavy-duty

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

