

SUPRAFINE® XL® and ML & SUPRAFINE XL High Recycled Content (HRC)

9/16" Exposed Tee System

DeclareSM
Living Building
Challenge Compliant

SUSTAIN[®]
High Performance
Sustainable
Ceiling Systems

UP TO **63%** RECYCLED CONTENT
LEED[®] 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 LEED contribution at
armstrongceilings.com/greengenie



KEY SELECTION ATTRIBUTES

- Suprafine XL is part of the Sustain[™] portfolio and meets the most stringent 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
- 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



- Available with TrioGuard[™] coating that resists dirt, bacteria, mold, mildew, and color fading
- Some items available in metric sizes
- 1-11/16" web height keeps components vertical and stable at light fixture interface
- 10-Year Limited System 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

TYPICAL APPLICATIONS

- Offices
- Hospitality
- Healthcare
- Education
- Retail

Blizzard White powder-coated finish coordinates with Calla[®], Optima[®], Ultima[®] and Lyra[®] ceiling panels for a clean, seamless, monolithic installed visual.

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).

Available in coordinating Colorations[™] colors.

10-YEAR Availability

VISUAL SELECTION

Item No.*	Face Profile	Description	Rout Spacing	Dimensions (Inches)	Hanger Spacing* Lbs./Lin. Ft.	
Suprafine XL and Suprafine XL High Recycled Content (Red Numbers are Fire Guard Items)					4 Ft.	5 Ft.
□ 7501_♦♦	9/16"	12' HD Main Beam	6" O.C.	144 x 9/16 x 1-11/16"	16.86	10.62
□ 7501HRC						
□ 8501						
□ 7536			4" O.C.			
□ 7500_♦	9/16"	12' ID Main Beam	6" O.C.	144 x 9/16 x 1-11/16"	12.75	5.74
□ 8500						
□ 7502_♦	9/16"	10' ID Main Beam	6" O.C.	120 x 9/16 x 1-11/16"	12.75	5.74
□ XL7580_♦	9/16"	8' Cross Tee	12" O.C.	96 x 9/16 x 1-11/16"	12.73**	—
□ XL7590_♦	9/16"	6' Cross Tee	12" O.C.	72 x 9/16 x 1-11/16"	12.73**	—
□ XL7558_♦	9/16"	5' Cross Tee	6", 20", 30"	60 x 9/16 x 1-11/16"	—	5.80
□ XL7541HRC	9/16"	4' Cross Tee	12" O.C.	48 x 9/16 x 1-11/16"	12.73	—
□ XL7540_♦♦	9/16"	4' Cross Tee	12" O.C.	48 x 9/16 x 1-11/16"	10.34	—
□ XL8540						
□ XL7549_♦	9/16"	4' Cross Tee	12" O.C.	48 x 9/16 x 1-11/16"	16.42	—
□ XL7530_♦	9/16"	3' Cross Tee	—	36 x 9/16 x 1-11/16"	—	—
□ XL7570_♦	9/16"	30" Cross Tee	—	30 x 9/16 x 1-11/16"	28.67	—
□ XL7520_♦♦	9/16"	2' Cross Tee	—	24 x 9/16 x 1-11/16"	51.83	—
□ XL7520HRC						
□ XL8520						
□ XL7510_♦	9/16"	1' Cross Tee	—	12 x 9/16 x 1-11/16"	51.83	—

Size Capabilities Main Beams Length Cross Tees Length

9/16"	1 CTN MIN Made-to-Order Sizes or Colors (2 Wks)	36" – 144" Rout spacing 3" from ends, 6" thereafter NOTE: Up to 6 Weeks for Color & Size Combinations	6" – 144"
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Made-to-Order main beams and cross tees can be ordered with special sizes, rout spacing, and colors for your project needs in one carton minimums.

* Simple Span

** Wire at 4'

♦ Items available in Standard, Premium, and Blizzard White powder-coated finish

♦♦ Items available in Blizzard White powder-coated finish only

When specifying or ordering Colorations, Standard, Premium, and Blizzard White, add the two-letter suffix to the end of the item number (e.g., 7301HA – Haze)

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



Seismic Category



Dots represent high level of performance.

Fire Guard™	Seismic Category	Pcs./ Ctn.	Lin. Ft./ Ctn.
—	•	20	240
—	•	20	240
•	•	20	240
—	•	20	240
—	—	20	240
•	—	20	240
—	—	20	200
—	•	20	160
—	•	20	120
—	•	60	300
—	•	60	240
—	•	60	240
•	•	60	240
—	•	60	180
—	•	60	150
—	•	60	120
—	•	60	120
•	•	60	120
—	•	120	120

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

SUPRAFINE® XL® and ML & SUPRAFINE XL High Recycled Content (HRC) 9/16" Exposed Tee System

VISUAL SELECTION

Item No.*	Face Profile	Description	Roof Spacing	Dimensions (Inches)	Hanger Spacing* Lbs./Lin. Ft.	
Suprafine XL items for TechZone™ Ceiling Systems					4 Ft.	5 Ft.
□ 7504_ _ ♦	9/16"	120" HD Main Beam	15", 42", 48", 75", 102", 108"	120 x 9/16 x 1-11/16"	12.75	10.62
□ 7505_ _ ♦	9/16"	100" HD Main Beam	2", 26", 50", 74", 98"	100 x 9/16 x 1-11/16"	—	—
□ 7507_ _ ♦	9/16"	144" HD Main Beam	15", 36", 42", 63", 84", 90", 11", 132", 138"	144 x 9/16 x 1-11/16"	—	—

* Simple Span

** Wire at 4'



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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
	
Dots represent high level of performance.	

PACKAGING

Pcs./ Ctn.	Lin. Ft./ Ctn.
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Item No.*	Face Profile	Description	Roof Spacing	Dimensions (Inches)	Hanger Spacing* Lbs./Lin. Ft.	
Suprafine XL items for TechZone™ Ceiling Systems					4 Ft.	5 Ft.
□ 7508_ _ ♦	9/16"	132" HD Main Beam	10", 30", 50", 56", 76", 96", 116", 122"	132 x 9/16 x 1-11/16"	—	—
□ TZXL7556_ _ ♦	9/16"	56" Cross Tee	—	56 x 9/16 x 1-11/16"	—	—
□ XL7564_ _ ♦	9/16"	54" Cross Tee	6", 27", 48"	54 x 9/16 x 1-11/16"	—	—
□ XL7562_ _ ♦	9/16"	42" Cross Tee	—	42 x 9/16 x 1-11/16"	12.34	—
□ XL7528_ _ ♦	9/16"	28" Cross Tee	—	28 x 9/16 x 1-11/16"	—	—
□ XL7561_ _ ♦	9/16"	21" Cross Tee	—	21 x 9/16 x 1-11/16"	—	—
□ XL7506_ _ ♦	9/16"	6" Cross Tee	—	6 x 9/16 x 1-11/16"	—	—
□ XL7504_ _ ♦	9/16"	4" Cross Tee	—	4 x 9/16 x 1-11/16"	—	—



Suprafine ML

□ ML7540_ _ ♦	9/16"	4" Cross Tee	—	48 x 9/16 x 1-11/16"	10.34	—
□ ML7520_ _ ♦	9/16"	2" Cross Tee	—	24 x 9/16 x 1-11/16"	51.80	—

* Simple Span

♦ Items available in Blizzard White powder-coated finish only

When specifying or ordering items with a color or finish, add the two-letter suffix to the end of the item number (e.g., 7301HA – Haze)

Fire Guard™	Seismic Category
	
Dots represent high level of performance.	





Pcs./ Ctn.	Lin. Ft./ Ctn.
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Item No.	Description	Length	(A) Flange	(B) Height	(C) Reveal	(D) Reveal	Pcs./ Ctn.	Lin. Ft./ Ctn.
Suggested Wall Moldings and Shadow Moldings Additional molding options available. See armstrongceilings.com/suspensionsystems (search: accessories and moldings)								
□ 7808_ _ ♦	10' Hemmed Angle Molding	120"	2"	2"	—	—	10	100
□ 7804_ _ ♦	12' Hemmed Angle Molding	144"	9/16"	7/8"	—	—	30	360
□ 7804HRC								
□ 7800_ _ ♦	12' Hemmed Angle Molding	144"	7/8"	7/8"	—	—	30	360
□ 7800HRC								
□ 7835	10' Channel Molding	120"	7/8"	1-3/4"	3/8"	—	20	200
□ 7873_ _ ♦	10' Shadow Molding	120"	9/16"	15/16"	3/8"	—	30	300
□ 7874_ _ ♦	10' Shadow Molding	120"	9/16"	15/16"	1/4"	—	30	300
□ 7878_ _ ♦♦♦	10' Seismic Shadow Molding	120"	15/16"	15/16"	3/8"	—	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"	—	—	30	300
□ 7851_ _ ♦	12' Hemmed Angle Molding	144"	1-1/8"	7/8"	—	—	30	360

*** Suitable for IBC Category D,E,F installations using Armstrong Seismic Rx® and BERC2 Clip

SUPRAFINE® XL® and ML & SUPRAFINE XL High Recycled Content (HRC) 9/16" Exposed Tee System

MAXIMUM FIXTURE WEIGHT

Configuration		Item No.	Fixture		Planning Module		Hanger Spacing		Maximum Weight	
A	B		A	B	A	B	A	B	A	B
Main Beam to Main Beam – Drawing Key: Main beam (↑) Cross tee (---) Hanger wire (↗)										
		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.

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 Tee to Cross Tee – Drawing Key: Main beam (↑) Cross tee (---) Hanger wire (↗)

		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.	–

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.

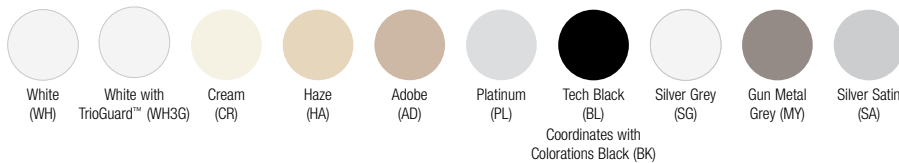
Fixture weight is based on single fixture only. For end-to-end fixtures or other configurations not shown, consult your Armstrong representative.

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.

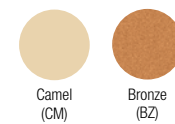
** To derive maximum lbs/sf, divide the on-center spacing of the component into the lbs/lf given in the load test data table.

COLOR AND FINISH SELECTION

Standard



Premium



Powder-coated Finish*



Colorations™ (Coordinates with Calla® Colorations Panels and Axiom Trim)



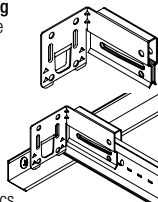
To see Ultima® and Optima® Create! and RAL colors, visit armstrongceilings.com/createcolors.

Custom colors are available with a Sherwin-Williams® 4-digit color code from the Duration or Harmony flat interior paint families (Code SW _ _ _ _)

ACCESSORIES

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.

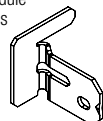


- ☐ BERC2 (Steel) – 200 pcs
- ☐ FZBERC2 (Steel) – 50 pcs

- ☐ ALBERC2 (Aluminum) – 200 pcs
- ☐ FZALBERC2 (Aluminum) – 50 pcs

STAC – Single Tee Adapter Clip –

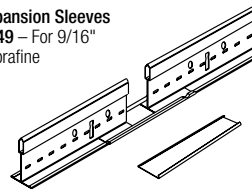
Used to create code compliant non-seismic and seismic C and D, E, F off-module main beam to cross tee connections.



- ☐ STAC – 120 pcs
- ☐ FZSTAC – 50 pcs

Expansion Sleeves

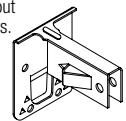
ES49 – For 9/16" Suprafine



- ☐ ES49 – 200 pcs
- ☐ FZES49 – 50 pcs

GCWA – Grip Clip Wall

Attachment – Joins main beam or cross tee to wall molding via locking barbs without pop rivets or screws.



- ☐ GCWA – 250 pcs
- ☐ FZGCWA – 50 pcs

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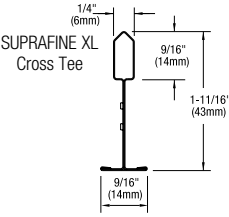
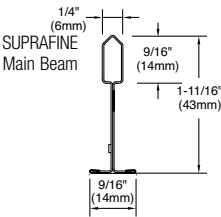
DETAILS



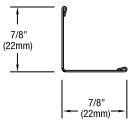
SUPRAFINE XL
Cross Tee



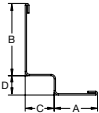
SUPRAFINE ML
Cross Tee



7/8" Hemmed
Angle Molding



Shadow Molding



SEISMIC PERFORMANCE

Main Beams

7501, 7501HRC, 7504, 7505, 7507

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

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