

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



63% RECYCLED CONTENT
armstrong.com/greengenie



LEED®

- waste mgmt
- recycled content
- local materials

*LOCATION DEPENDENT



KEY SELECTION ATTRIBUTES

- **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™2** 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

- Cross tees available in ML and XL² (staked-on end detail); provides secure locked connection; easy to remove, reuse, and relocate
- 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
- **FastSize™** main beams and cross tees can be ordered with special sizing and route spacing for your project needs in one carton minimums with two week lead times 
- Fire Guard™ options offer UL design fire-rated performance



TYPICAL APPLICATIONS

- Offices
- Hospitality
- Healthcare
- Education
- Retail
- **NEW** Blizzard White powder-coated finish coordinates with Calla™, Optima®, Ultima®, and Lyra™ ceiling panels for a clean, seamless, monolithic installed visual.
- **NEW** Available in coordinating Colorations™ colors.

VISUAL SELECTION

PERFORMANCE

PACKAGING

Item No.*	Face Profile	Description	Route Spacing	Dimensions (Inches)	Hanger Spacing*		Fire Guard™ 	Seismic Category 	Pcs./ Ctn.	Lin. Ft./ Ctn.
					4 Ft.	5 Ft.				
Suprafine XL and Suprafine XL High Recycled Content (Red Numbers are Fire Guard Items)										
<input type="checkbox"/> 7501_♦♦	9/16"	12' HD Main Beam	6" O.C.	144 x 9/16 x 1-11/16"	16.86	10.62	–	•	20	240
<input type="checkbox"/> 7501HRC							–	•	20	240
<input type="checkbox"/> 8501							•	•	20	240
<input type="checkbox"/> 7500_♦	9/16"	12' ID Main Beam	6" O.C.	144 x 9/16 x 1-11/16"	12.75	5.74	–	–	20	240
<input type="checkbox"/> 8500							•	–	20	240
<input type="checkbox"/> 7502_♦	9/16"	10' ID Main Beam	6" O.C.	120 x 9/16 x 1-11/16"	12.75	5.74	–	–	20	200
<input type="checkbox"/> XL7580_♦	9/16"	8' Cross Tee	12" O.C.	96 x 9/16 x 1-11/16"	12.73**	–	–	•	20	160
<input type="checkbox"/> XL7590_♦	9/16"	6' Cross Tee	12" O.C.	72 x 9/16 x 1-11/16"	12.73**	–	–	•	20	120
<input type="checkbox"/> XL7558_♦	9/16"	5' Cross Tee	6", 20", 30"	60 x 9/16 x 1-11/16"	–	5.80	–	•	60	300
<input type="checkbox"/> XL7541HRC	9/16"	4' Cross Tee	–	48 x 9/16 x 1-11/16"	12.73	–	–	•	60	240
<input type="checkbox"/> XL7540_♦♦	9/16"	4' Cross Tee	12" O.C.	48 x 9/16 x 1-11/16"	10.34	–	–	•	60	240
<input type="checkbox"/> XL8540							•	•	60	240
<input type="checkbox"/> XL7549_♦	9/16"	4' Cross Tee	–	48 x 9/16 x 1-11/16"	16.42	–	–	•	60	240
<input type="checkbox"/> XL7530_♦	9/16"	3' Cross Tee	–	36 x 9/16 x 1-11/16"	–	–	–	•	60	180
<input type="checkbox"/> XL7570_♦	9/16"	30" Cross Tee	–	30 x 9/16 x 1-11/16"	28.67	–	–	•	60	150
<input type="checkbox"/> XL7520_♦♦	9/16"	2' Cross Tee	–	24 x 9/16 x 1-11/16"	51.83	–	–	•	60	120
<input type="checkbox"/> XL7520HRC							–	•	60	120
<input type="checkbox"/> XL8520							•	•	60	120
<input type="checkbox"/> XL7510_♦	9/16"	1' Cross Tee	–	12 x 9/16 x 1-11/16"	51.83	–	–	•	120	120
NEW <input type="checkbox"/> FastSize™	9/16"	Main beams L: 36" - 144" / Cross tees L: 6" - 144" / Route spacing 2" from ends, 4" thereafter							Varies	Varies

* 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)

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

NOTE: Additional Suprafine XL items for TechZone Integrated Ceiling Systems are listed in the TechZone Technical Guide (BPCS-4486). Available online at armstrong.com/techzone





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9/16" Exposed Tee System

VISUAL SELECTION

PERFORMANCE

PACKAGING

Item No.*	Face Profile	Description	Route Spacing	Dimensions (Inches)	Hanger Spacing* Lbs./Lin. Ft.		Fire Guard™ 	Seismic Category 	Pcs./ Ctn.	Lin. Ft./ Ctn.
					4 Ft.	5 Ft.				
Suprafine XL items for TechZone™ Ceiling Systems							  Dots represent high level of performance.			
<input type="checkbox"/> 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				
<input type="checkbox"/> 7505_ _♦	9/16"	100" HD Main Beam	2", 26", 50", 74", and 98"	100 x 9/16 x 1-11/16"	-	-	-	•	20	166
<input type="checkbox"/> 7507_ _♦	9/16"	144" HD Main Beam	15", 36", 42", 63", 84", 90", 11", 132", 138"	144 x 9/16 x 1-11/16"	-	-	-	•	20	240
<input type="checkbox"/> 7508_ _♦	9/16"	132" HD Main Beam	10", 30", 50", 56", 76", 96", 116", 122"	132 x 9/16 x 1-11/16"	-	-	-	•	20	220
<input type="checkbox"/> TZXL7556_ _♦	9/16"	56" Cross Tee	-	56 x 9/16 x 1-11/16"	-	-	-	•	60	280
<input type="checkbox"/> XL7564_ _♦	9/16"	54" Cross Tee	6", 27", 48"	54 x 9/16 x 1-11/16"	-	-	-	•	60	270
<input type="checkbox"/> XL7562_ _♦	9/16"	42" Cross Tee	-	42 x 9/16 x 1-11/16"	12.34	-	-	•	60	210
<input type="checkbox"/> XL7528_ _♦	9/16"	28" Cross Tee	-	28 x 9/16 x 1-11/16"	-	-	-	•	60	140
<input type="checkbox"/> XL7561_ _♦	9/16"	21" Cross Tee	-	21 x 9/16 x 1-11/16"	-	-	-	•	60	105
<input type="checkbox"/> XL7506_ _♦	9/16"	6" Cross Tee	-	6 x 9/16 x 1-11/16"	-	-	-	•	240	120
Suprafine ML										
<input type="checkbox"/> ML7540_ _♦	9/16"	4' Cross Tee	-	48 x 9/16 x 1-11/16"	10.34	-	-	-	60	240
<input type="checkbox"/> ML7520_ _♦	9/16"	2' Cross Tee	-	24 x 9/16 x 1-11/16"	51.80	-	-	-	60	120



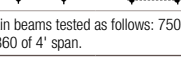



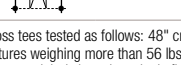
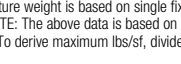

* Simple Span
♦ Items available in Blizzard White powder-coated finish only
When specifying or ordering items with a color or finish, add the two-letter suffix to the end of the item number (e.g., 7301HA – Haze)

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

Item No.	Description	Length	(A) Flange	(B) Flange	(C) Flange	Pcs./ Ctn.	Lin. Ft./ Ctn.
Suggested Wall Moldings and Shadow Moldings (Additional molding options available. See catalog pgs. 269-270)							
<input type="checkbox"/> 7808_ _♦	10' Hemmed Angle Molding	120"	2"	2"	-	10	100
<input type="checkbox"/> 7804_ _♦	12' Hemmed Angle Molding	144"	9/16"	7/8"	-	30	360
<input type="checkbox"/> 7804HRC	12' Hemmed Angle Molding	144"	9/16"	7/8"	-	30	360
<input type="checkbox"/> 7835	10' Channel Molding	120"	7/8"	1-3/4"	3/8"	20	200
<input type="checkbox"/> 7873_ _♦	10' Shadow Molding	120"	9/16"	15/16"	3/8"	30	300
<input type="checkbox"/> 7874_ _♦	10' Shadow Molding	120"	9/16"	15/16"	1/4"	30	300
<input type="checkbox"/> 7878_ _♦***	10' Seismic Shadow Molding	120"	15/16"	15/16"	3/8"	30	300

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

MAXIMUM FIXTURE WEIGHT

Configuration	Item No.	Fixture		Planning Module		Hanger Spacing		Maximum Weight	
		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.	6 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.

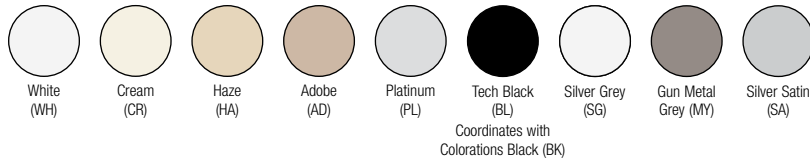
** To derive maximum lbs/ft, divide the on-center spacing of the component into the lbs/lf given in the load test data table.

SUPRAFINE® XL® and ML & SUPRAFINE XL High Recycled Content

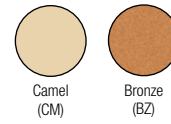
9/16" Exposed Tee System

COLOR AND FINISH SELECTION

Standard



Premium



Powder-coated Finish*



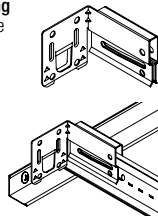
NEW Colorations™ (Coordinates with Calla™ Colorations Panels and Axiom Trim)



To see Ultima® and Optima® Create! and RAL colors, visit armstrong.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

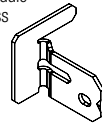
BERC2 – 2" Beam End Retaining Clip – Allows you to create a code compliant Seismic D, E, F ceiling installation while eliminating the need to use 2" wall molding or spreader bars.



ALBERC2 (aluminum)

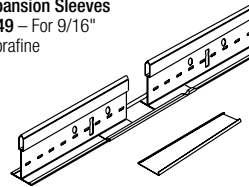
200 pcs/bucket

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.



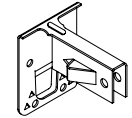
120 pcs/bucket

Expansion Sleeves ES49 – For 9/16" Suprafine



200 pcs/bucket

GCWA – Grip Clip Wall Attachment – Joins main beam or cross tee to wall molding via locking bars without pop rivets or screws.



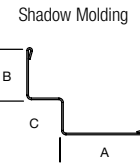
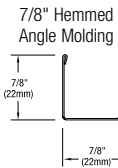
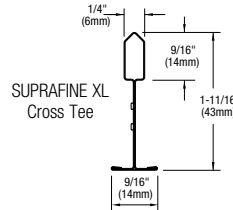
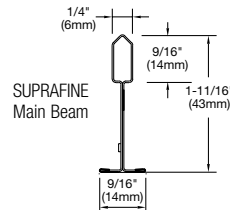
250 pcs/bucket

DETAILS



SUPRAFINE XL Cross Tee

SUPRAFINE ML Cross Tee



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

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

Staked-on hook clip

Duty Classification

Intermediate or Heavy-duty



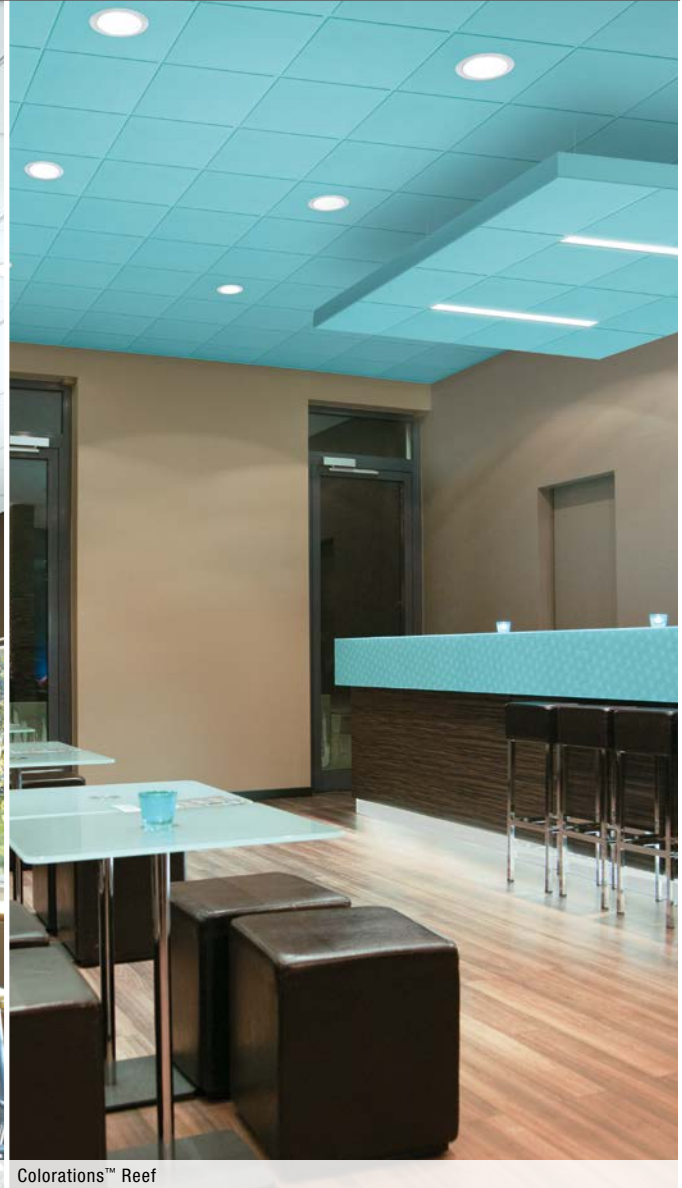
SUPRAFINE® XL® and ML & SUPRAFINE XL High Recycled Content (HRC)

9/16" Exposed Tee System

INTEGRATED SYSTEMS



Calla™ Blizzard White



Colorations™ Reef

BLIZZARD WHITE POWDER-COATED FINISH

Choose the new Blizzard White powder coated finish on a wide variety of suspension systems and Axiom trim, for a clean monolithic installed visual that looks great with Calla™, Lyra™, Optima®, and Ultima® ceiling panels.

COLORATIONS INTEGRATED COLOR SYSTEM

Colorations integrated color system gives you everything you need to create a complete color coordinated ceiling system:

- 13 standard colors, plus custom Sherwin Williams® colors
- 24" x 24" Calla Beveled Tegular panels
- 9/16" Suprafine Suspension System
- Axiom Trim (Classic, Vector, Knife Edge, Moldings and Column Rings)
- Use any Colorations color in a custom Formations cloud kit

TechLineSM / 1 877 ARMSTRONG
1 877 276 7876



armstrong.com/suspensionsystem
BPCS-3077-614

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