



UP TO **63%** RECYCLED CONTENT
armstrong.com/greengenie

LEED®

construction waste mgmt
 recycled content
 regional materials*

*LOCATION DEPENDENT

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

9/16" Exposed Tee System



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
 - Education
 - Hospitality
 - Retail
 - Healthcare
- NEW** Blizzard White powder-coated finish coordinates with Calla™, Optima®, Ultima®, and Lyra™ ceiling panels for a clean, seamless, monolithic installed visual.
- NEW** Linear lighting integration is easy with made-to-order main beam-to-cross tee adapters, route spacing, miter spacing, and short cross tees (3" to 6" lengths).
- NEW** Available in coordinating Colorations™ colors.

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 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			4" O.C.				•	•	20	240	
<input type="checkbox"/> 7536							–	•	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	
<input type="checkbox"/> FastSize™	9/16"	Main beams L: 36" - 144" / Cross tees L: 3" - 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





SUPRAFINE® XL® and ML & SUPRAFINE XL High Recycled Content (HRC) 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										
<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	–	•	20	200
<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"	–	–	–	•	60	30
<input type="checkbox"/> XL7504_ _ ♦	9/16"	4" Cross Tee	–	4 x 9/16 x 1-11/16"	–	–	–	•	60	20
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							
<input type="checkbox"/> 7800_ _ ♦	12' Hemmed Angle Molding	144"	7/8"	7/8"	–	30	360
<input type="checkbox"/> 7800HRC							
<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.	
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.

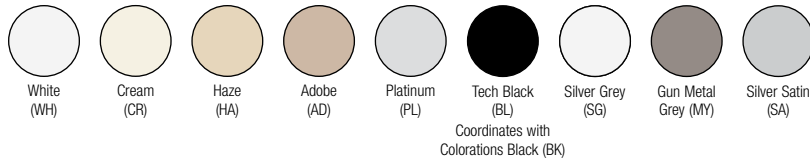
NOTE: The above data is based on 48" hanger wire spacing, board weight of 1 lb./sq. ft., maximum deflection of tees not to exceed 1/360 of the span, and suspension system installed in accordance with ASTM C636.

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

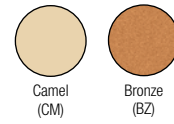
SUPRAFINE® XL® and ML & SUPRAFINE XL High Recycled Content (HRC) 9/16" Exposed Tee System

COLOR AND FINISH SELECTION

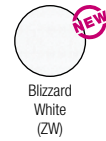
Standard



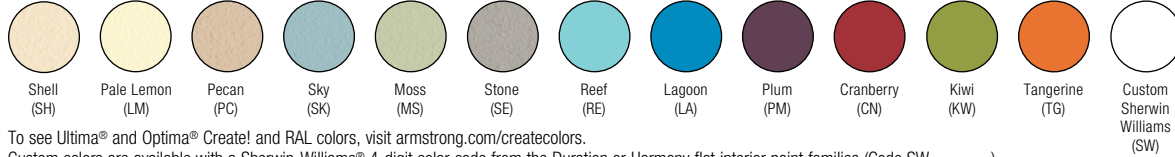
Premium



Powder-coated Finish*



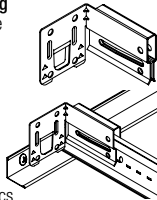
NEW Colorations™ (Coordinates with Calla™ Colorations Panels and Axiom Trim)



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 _ _ _ _).

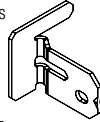
ACCESSORIES

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.



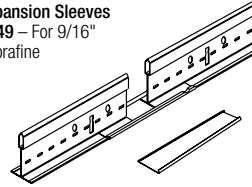
- BERC2 (Steel) – 200 pcs
- FZBERC2 (Steel) – 50 pcs
- ALBERC2 (Aluminum) – 200 pcs
- FZALBERC2 (Aluminum) – 50 pcs

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.



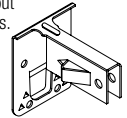
- STAC – 120 pcs
- FZSTAC – 50 pcs

Expansion Sleeves ES49 – For 9/16" Suprafine



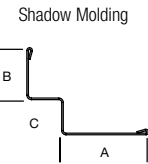
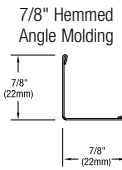
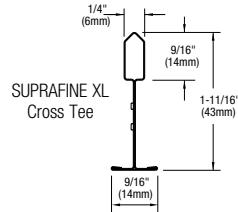
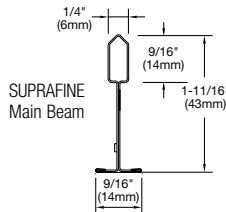
- ES49 – 200 pcs
- FZES49 – 50 pcs

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



- GCWA – 250 pcs
- FZGCWA – 50 pcs

DETAILS



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
Duty Classification
Intermediate or Heavy-duty



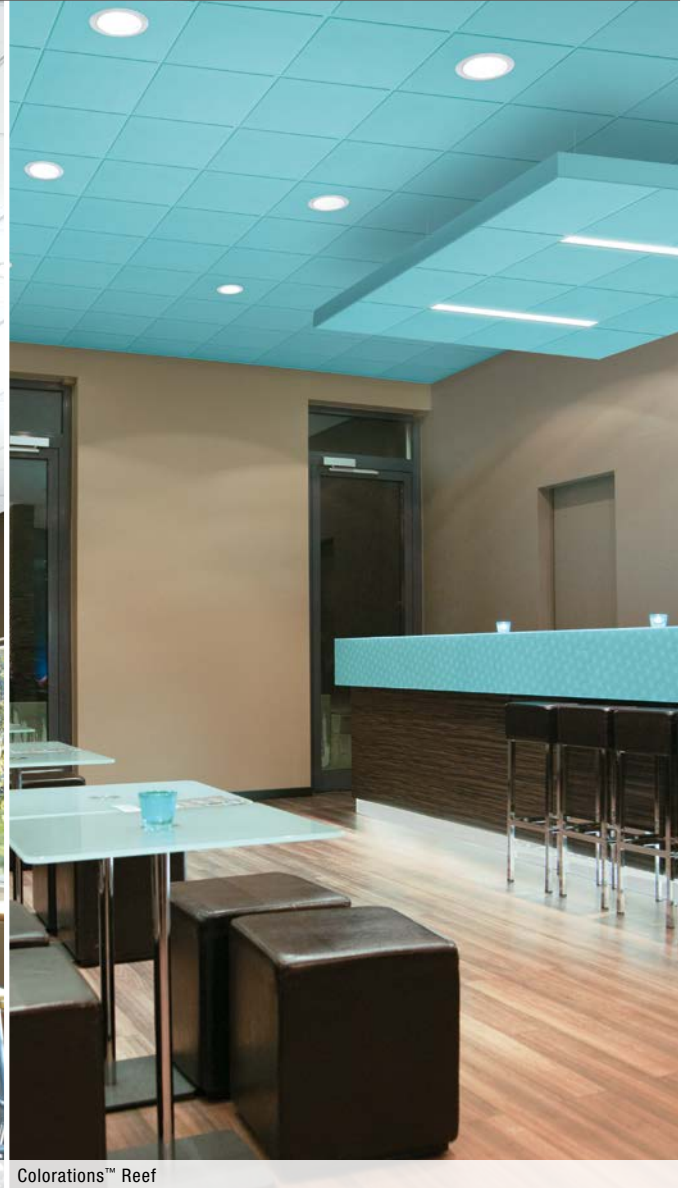
SUPRAFINE® XL® and ML & SUPRAFINE XL High Recycled Content (HRC)

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-3077-715

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