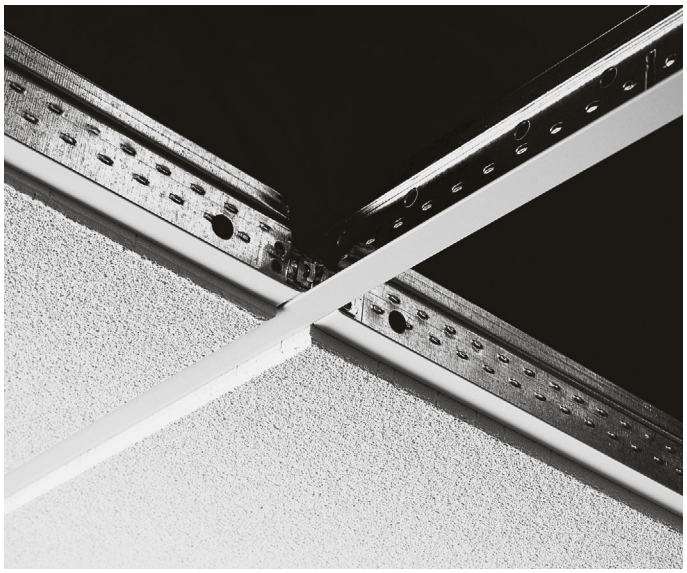
SUPRAFINE® XL® & ML
SUPRAFINE XL
High Recycled Content (HRC)
Exposed Tee Suspension System

SUSTAIN™
High Performance
Sustainable
Ceiling Systems

SUSPENSION SYSTEMS – Standard



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

Suprafine XL High Recycled Content (HRC)

- Build America, Buy America (BABA) Act Compliant
- Suprafine XL High Recycled Content (HRC) suspension system is part of the Sustain portfolio, meets stringent Sustain requirements, and contributes to improved LEED credits.

COLORS AND FINISHES

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

Standard

White (WH) · Black (BL) · Silver Grey (SG) · Gun Metal Grey (MY) · Silver Satin (SA) · Ivory (IV) · Adobe (AD) · Medium Taupe (MT) · Light Grey (LG) · Grey Stone (GS) · Custom Colors Available*

Hay (SHY) · Stone (SE) · Mist (SMT) · Sandstone (SSS) · Fossil (SFL) · Feldspar (SFS) · Boxwood (SBW) · Lilac (SLC) · Rainstorm (SRS) · Oat (SOT)

Premium

Bronze (BZ)

Powder-Coated Finishes

Blizzard White (ZW) · Charcoal Black (ZB)

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

PERFORMANCE

PACKAGING

	Item No.◆	Description	Rout Spacing	Dimensions (Inches)	HANGER SPACING* LBS./LFT 4 Ft.	HANGER SPACING* LBS./LFT 5 Ft.	Fire Guard™	Seismic Category DEF	CleanAssure™ Disinfectable Grid Fog	CleanAssure™ Disinfectable Grid Spray	CleanAssure™ Disinfectable Grid Wipe	PCS/CTN	LFT/CTN
SUPRAFINE® XL® & SUPRAFINE XL High Recycled Content 9/16"	7501_ _ _	12' HD Main Beam	6" O.C.	144 × 9/16 × 1-11/16"	16.86	10.62	N/A	•	•	•	•	20	240
	7501HRC						N/A	•	•	•	•	20	240
	8501						•	•	•	•	•	20	240
	7536		4" O.C.				N/A	•	•	•	•	20	240
(Red Numbers are Fire Guard™ items)	7500_ _ ❖	12' ID Main Beam	6" O.C.	144 × 9/16 × 1-11/16"	12.75	5.74	N/A	N/A	•	•	•	20	240
	7500HRC						N/A	N/A	•	•	•	20	240
	8500						•	N/A	•	•	•	20	240
(Blue Numbers are BABA Compliant and High Recycled Content Items)	7502_ _ ❖	10' ID Main Beam	6" O.C.	120 × 9/16 × 1-11/16"	12.75	5.74	N/A	N/A	•	•	•	20	200
	XL7580_ _ ❖	8' Cross Tee	12" O.C.	96 × 9/16 × 1-11/16"	12.73**	N/A	N/A	•	•	•	•	20	160
	XL7590_ _ ❖	6' Cross Tee	12" O.C.	72 × 9/16 × 1-11/16"	12.73**	N/A	N/A	•	•	•	•	20	120
	XL7558_ _ ❖	5' Cross Tee	6", 20", 30" O.C.	60 × 9/16 × 1-11/16"	N/A	5.80	N/A	•	•	•	•	60	300

** 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

Dots represent high level of performance.

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

TechLine 877 276-7876
armstrongceilings.com/suprafine

Armstrong® World Industries

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SUSTAIN™ High Performance Sustainable Ceiling Systems

Declare.

RECYCLED CONTENT
UP TO 63%

LEED V5
Ecomedes Data
COMMON MATERIALS FRAMEWORK
Human Health: Declare Label, HPD, 3rd Party CDPH
Climate Health: EPD
Ecosystem Health: EPD
Circular Economy: ✓

VISUAL SELECTION

	Item No.◆	Description	Rout Spacing	Dimensions (Inches)	HANGER SPACING* LBS./LFT 4 Ft.	5 Ft.	PERFORMANCE: Fire Guard™	Seismic Category	CleanAssure™ Disinfectable Grid: Fog	Spray	Wipe	PACKAGING: PCS/CTN	LFT/CTN
SUPRAFINE® XL® & SUPRAFINE XL High Recycled Content 9/16" (Red Numbers are Fire Guard™ items) (Blue Numbers are BABA Compliant and High Recycled Content Items)	XL7541HRC	4' Cross Tee	12" O.C.	48 × 9/16 × 1-11/16"	12.73	N/A	N/A	•	•	•	•	60	240
	XL7540_ _ _ XL7540HRC XL8540	4' Cross Tee	12" O.C.	48 × 9/16 × 1-11/16"	10.34	N/A	N/A N/A •	• • •	• • •	• • •	• • •	60 60 60	240 240 240
	XL7549_ _❖	4' Cross Tee	12" O.C.	48 × 9/16 × 1-11/16"	16.42	N/A	N/A	•	•	•	•	60	240
	XL7530_ _❖	3' Cross Tee	N/A	36 × 9/16 × 1-11/16"	N/A	N/A	N/A	•	•	•	•	60	180
	XL7570_ _❖	30" Cross Tee	N/A	30 × 9/16 × 1-11/16"	28.67	N/A	N/A	•	•	•	•	60	150
	XL7520_ _ _ XL7520HRC	2' Cross Tee	N/A	24 × 9/16 × 1-11/16"	51.83 @ 2'	N/A	N/A N/A	• •	• •	• •	• •	60 60	120 120
	XL8520 XL8520HRC	2' Cross Tee	N/A	24 × 9/16 × 1-11/16"	58.5 @ 2'	N/A	• N/A	• •	• •	• •	• •	60 60	120 120
	XL7510_ _❖	1' Cross Tee	N/A	12 × 9/16 × 1-11/16"	51.83	N/A	N/A	•	•	•	•	120	120
Size Capabilities NOTE: Up to 6 weeks for color and size combinations.	1 Ctn Min FASTSIZE 2 WEEKS order to ship	Main Beam Length: 36" – 144" Rout spacing 3" from ends, 4" thereafter	Cross Tee Length: 3" – 144"	N/A	N/A	N/A	N/A	•	•	•	•	Varies	Varies
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 × 9/16 × 1-11/16"	12.75	10.62	N/A	•	•	•	•	20	200
	7505_ _❖	100" HD Main Beam	2", 26", 50", 74", 98" O.C.	100 × 9/16 × 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 × 9/16 × 1-11/16"	N/A	N/A	N/A	•	•	•	•	20	220
	TZXL7556_ _†	56" Cross Tee	N/A	56 × 9/16 × 1-11/16"	N/A	N/A	N/A	•	•	•	•	60	280
	XL7562_ _❖	42" Cross Tee	N/A	42 × 9/16 × 1-11/16"	12.34	N/A	N/A	•	•	•	•	60	210
	XL7528_ _❖	28" Cross Tee	N/A	28 × 9/16 × 1-11/16"	N/A	N/A	N/A	•	•	•	•	60	140
	XL7561_ _❖	21" Cross Tee	N/A	21 × 9/16 × 1-11/16"	N/A	N/A	N/A	•	•	•	•	60	105
	XL7506_ _❖	6" Cross Tee	N/A	6 × 9/16 × 1-11/16"	N/A	N/A	N/A	•	•	•	•	60	30
	XL7504_ _❖	4" Cross Tee	N/A	4 × 9/16 × 1-11/16"	N/A	N/A	N/A	•	•	•	•	60	20
SUPRAFINE ML 9/16"	ML7540_ _❖	4' Cross Tee	N/A	48 × 9/16 × 1-11/16"	10.34	N/A	N/A	N/A	•	•	•	60	240
	ML7520_ _❖	2' Cross Tee	N/A	24 × 9/16 × 1-11/16"	51.80	N/A	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

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UP TO 63%

LEED V5
Ecomedes Data
COMMON MATERIALS FRAMEWORK

Human Health	Declare Label	Climate Health	EPD
	HPD	Ecosystem Health	EPD
	3rd Party CDPH	Circular Economy	✓

SUSPENSION SYSTEMS – Standard

VISUAL SELECTION

PACKAGING

	Item No.◆	Description	Length	(A) Flange	(B) Flange	(C) Reveal	(D) Reveal	PCS/CTN	LFT/CTN
Suggested Wall Moldings and Shadow Moldings (Additional molding options available) (Blue Numbers are BABA Compliant and High Recycled Content Items)	**7808_ _††**	10' Hemmed Angle Molding	120"	2"	2"	N/A	N/A		
	7804_ _ _ **7804HRC**	12' Hemmed Angle Molding	144"	9/16"	7/8"	N/A	N/A		
	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

MAXIMUM FIXTURE WEIGHT

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

	Configuration A	Configuration B	Item No.	Fixture A	Fixture B	Planning Module A	Planning Module B	Hanger Spacing A	Hanger Spacing B	Maximum Weight A	Maximum Weight B
Main Beam to Main Beam			**8500/7500/7502**	24" × 48"	24" × 48"	48" × 48"	48" × 48"	48"	48"	73.36 lbs.	57.07 lbs.
			7501	24" × 48"	24" × 48"	48" × 48"	48" × 48"	48"	48"	100 lbs.	70.8 lbs.
			7500/7502	12" × 48"	12" × 48"	48" × 48"	48" × 48"	48"	48"	68 lbs.	44 lbs.
			7501	12" × 48"	12" × 48"	48" × 48"	48" × 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			**XL7540**	24" × 48"	24" × 24"	48" × 48"	48" × 48"	48"	48"	55 lbs.	67 lbs.
			XL7541	24" × 48"	24" × 24"	48" × 48"	48" × 48"	48"	48"	73 lbs.	84 lbs.
			ML7540	24" × 48"	24" × 24"	48" × 48"	48" × 48"			65.71 lbs.	76 lbs.
			ML7540	24" × 48"	12" × 48"	48" × 48"	48" × 48"	48"	48"	46 lbs.	–
			XL7541	24" × 48"	12" × 48"	48" × 48"	48" × 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 O.C. spacing of the component into the lbs/lf given in the load test data table.

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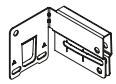
Ecomedes Data

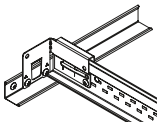
COMMON MATERIALS FRAMEWORK

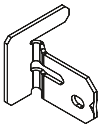
Human Health	Declare Label HPD 3rd Party CDPH	Climate Health	EPD
		Ecosystem Health	EPD
		Circular Economy	✓

ACCESSORIES

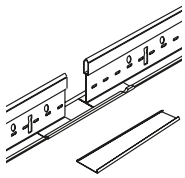
Item No.	Description	PCS/CTN
BERC2	**2" Beam End Retaining Clip** Allows you to create a code compliant Seismic D, E, F ceiling installation while eliminating the need to use 2" wall molding or spreader bars.	
BERC2	Steel	200
FZBERC2	Steel	50
ALBERC2	Aluminum	200
FZALBERC2	Aluminum	50
STAC	**Single Tee 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		100
FZSTAC		50

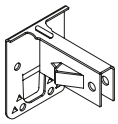






Item No.	Description	PCS/CTN
ES49	**Expansion Sleeves** For 9/16" Suprafine	
ES49		200
FZES49		50
GCWA	**Grip Clip Wall Attachment** Joins main beam or cross tee to wall molding via locking barbs without pop rivets or screws.	
GCWA		200
FZGCWA		50

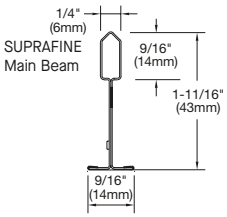


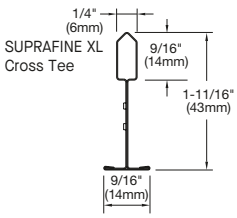


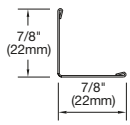
DETAILS

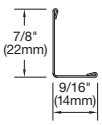
SUPRAFINE® XL®
Cross Tee

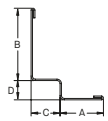
SUPRAFINE ML
Cross Tee











SEISMIC PERFORMANCE

Main Beams
7501, 7501HRC, 7504, 7505, 7507, 7536, 8501

Minimum Lbs. To Pull Out Compression/Tension
335.0, 352.0, 130.0

Cross Tees
All XL cross tees exceed 300 lbs. in both compression and tension.

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.

All acoustical grid and Axiom trim accessories (a.k.a. clips) are supplied as unpainted items. Exposed clips will need to be field painted after installation, if required for the project. This ensures accessories meet the tested performance criteria and adhere to AWI installation instructions and warrantied products or systems.

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

TechLine / 877 276-7876
armstrongceilings.com/suprafine
BPCS-3077-1125

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