

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

9/16" Exposed Tee System



Declare™
Living Building
Challenge Compliant

SUSTAIN™
High Performance
Sustainable
Ceiling Systems

UP TO **63%** RECYCLED CONTENT

Calculate LEED contribution at armstrongceilings.com/greengenie

LOCATION DEPENDENT

10-YEAR Availability



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).

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 | | | 4" O.C. | | | |
| □ 7536 | | | | | | |
| □ 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 |
|--|-------------------|
| 36" – 144" Rout spacing 3" from ends, 6" thereafter NOTE: Up to 6 Weeks for Color & Size Combinations | 6" – 144" |

1 CTN MIN Made-to-Order Sizes or Colors (2 Wks)

PERFORMANCE

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

PACKAGING

| Pcs./ Ctn. | Lin. Ft./ Ctn. |
|------------|----------------|
| 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

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 Standard, Premium, and Blizzard White, add the two-letter suffix to the end of the item number (e.g., 7501HA – 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

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

9/16" Exposed Tee System

VISUAL SELECTION








| Item No.* | Face Profile | Description | Rout Spacing | Dimensions (Inches) | Hanger Spacing* Lbs./Lin. Ft. | |
|---|--------------|-------------------|---|-----------------------|-------------------------------|-------|
| | | | | | 4 Ft. | 5 Ft. |
| Suprafine XL items for TechZone™ Ceiling Systems | | | | | | |
| □ 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'
 ♦ Items available in Standard, Premium, and Blizzard White powder-coated finish
 ♦ Items available in Blizzard White powder-coated finish only
 When specifying or ordering Standard, Premium, and Blizzard White, add the two-letter suffix to the end of the item number (e.g., 7504HA – 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



| Item No.* | Face Profile | Description | Rout Spacing | Dimensions (Inches) | Hanger Spacing* Lbs./Lin. Ft. | |
|---|--------------|-------------------|--|-----------------------|-------------------------------|-------|
| | | | | | 4 Ft. | 5 Ft. |
| Suprafine XL items for TechZone™ Ceiling Systems | | | | | | |
| □ 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., 7508HA – Haze)

| Item No.* | Face Profile | Description | Dimensions (Inches) | Hanger Spacing* Lbs./Lin. Ft. | |
|---|--------------|---|-----------------------|-------------------------------|-------|
| | | | | 4 Ft. | 5 Ft. |
| Suprafine XL Painted Grid to Match Axiom® Trim (360° Painted – Powder Coated Paint) | | | | | |
|  □ AX75003_ _ | 9/16" | 12" ID Main Beam, Routs 6" O.C. | 144 x 9/16 x 1-11/16" | 12.75 | 5.74 |
|  □ AX75013_ _ | 9/16" | 12" ID Main Beam, Routs 6" O.C. | 144 x 9/16 x 1-11/16" | 16.86 | 10.62 |
|  □ AX75103_ _ | 9/16" | 1" Cross Tee | 12 x 9/16 x 1-11/16" | 51.83 | – |
|  □ AX75203_ _ | 9/16" | 2" Cross Tee | 24 x 9/16 x 1-11/16" | 51.83 | – |
|  □ AX75703_ _ | 9/16" | 30" Cross Tee | 30 x 9/16 x 1-11/16" | 28.67 | – |
|  □ AX75403_ _ | 9/16" | 4" Cross Tee | 48 x 9/16 x 1-11/16" | 10.34 | – |
|  □ AX75583_ _ | 9/16" | 5" Cross Tee, Routs at 6", 20", and 30" from ends | 60 x 9/16 x 1-11/16" | – | 5.80 |

When specifying or ordering items with a color or finish, add the two-letter suffix to the end of the item number (e.g., AX75003HA – Haze)



PERFORMANCE

| Fire Guard™ | Seismic Category |
|---|---|
|  |  |
| Dots represent high level of performance. | |
| – | • |
| – | • |
| – | • |

PACKAGING



| Pcs./Ctn. | Lin. Ft./Ctn. |
|-----------|---------------|
| 20 | 200 |
| 20 | 166 |
| 20 | 240 |

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

| Fire Guard™ | Seismic Category |
|---|---|
|  |  |
| Dots represent high level of performance. | |
| – | • |
| – | • |
| – | • |
| – | • |
| – | • |
| – | • |
| – | • |
| – | • |
| – | – |
| – | – |

| Pcs./Ctn. | Lin. Ft./Ctn. |
|-----------|---------------|
| 20 | 220 |
| 60 | 280 |
| 60 | 270 |
| 60 | 210 |
| 60 | 140 |
| 60 | 105 |
| 60 | 30 |
| 60 | 20 |
| 60 | 240 |
| 60 | 120 |

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

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

| Pcs./Ctn. | Lin. Ft./Ctn. |
|-----------|---------------|
| 20 | 240 |
| 20 | 240 |
| 120 | 120 |
| 60 | 120 |
| 60 | 150 |
| 60 | 240 |
| 60 | 300 |

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

9/16" Exposed Tee System

VISUAL SELECTION

| 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_ _ ♦ □ 7804HRC | 12' Hemmed Angle Molding | 144" | 9/16" | 7/8" | – | – | 30 | 360 |
| □ 7800_ _ ♦ □ 7800HRC | 12' Hemmed Angle Molding | 144" | 7/8" | 7/8" | – | – | 30 | 360 |
| □ 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

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 (→)

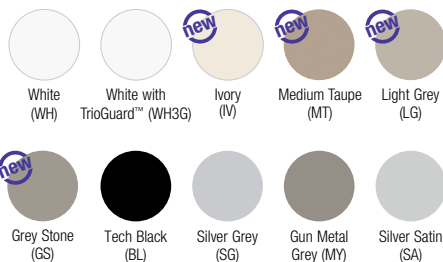
| | | | | | | | | | |
|--|----------------------------|-----------|-----------|-----------|-----------|-----|-----|------------|---------|
| | XL7540 XL7541 ML7540 | 24" x 48" | 24" x 24" | 48" x 48" | 48" x 48" | 48" | 48" | 55 lbs. | 67 lbs. |
| | | 24" x 48" | 24" x 24" | 48" x 48" | 48" x 48" | 48" | 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

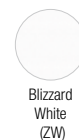
Standard



Premium



Powder-coated Finish[♦]



^{††} Capping only

^{†††} Peel-off protective film on exposed surfaces to protect from scuffing or marking during installation

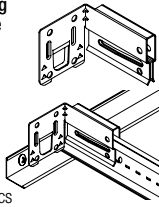
[♦] Items available in powder-coated finish

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)

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

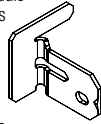
ACCESSORIES

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.



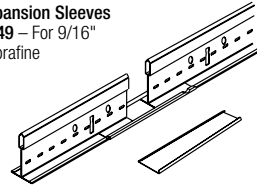
- BERC2 (Steel) – 200 pcs
- FZBERC2 (Steel) – 50 pcs
- ALBERC2 (Aluminum) – 200 pcs
- FZALBERC2 (Aluminum) – 50 pcs

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.



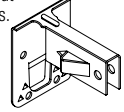
- STAC – 120 pcs
- FZSTAC – 50 pcs

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

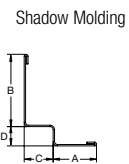
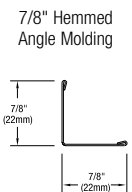
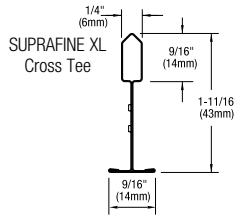
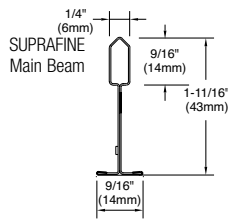
DETAILS



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

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