

PRELUDE® XL® and PRELUDE XL HIGH RECYCLED CONTENT (HRC)

15/16" Exposed Tee System



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/greenengine

LOCATION DEPENDENT



KEY SELECTION ATTRIBUTES

- Seismic Rx® Suspension System saves time and money; offer an ICC-ES approach to installations (ESR-1308)
- Prelude® XL® is part of the Sustain™ portfolio and meets the most stringent sustainability compliance standards today
- 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

- Made-to-Order main beams and cross tees can be ordered for your project needs in one carton minimums
- Available with TrioGuard™ coating that resists dirt, bacteria, mold, mildew, and color fading
- XL² staked-on end detail provides secure locked connection; easy to remove, reuse, and relocate
- Fire Guard™ options offer UL design fire-rated performance
- Some items available in metric sizes
- 10-Year Limited System Warranty; 30-Year Limited Ceiling Systems Warranty when used with HumiGuard® Plus products

TYPICAL APPLICATIONS

- Retail
- Offices
- Education
- Hospitality
- Healthcare

Blizzard White powder-coated finish coordinates with Optima®, Ultima®, Calla®, 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) | Load Test Data (Lbs./Lin. Ft.) | |
|--|--------------|-------------------|--|------------------------|--------------------------------|---------------|
| | | | | | L/360 | Lbs./Lin. Ft. |
| Prelude XL (Red Numbers are Fire Guard Items) | | | | | 4 Ft. | 5 Ft. |
| <input type="checkbox"/> 7301_♦ <input type="checkbox"/> 7301HRC <input type="checkbox"/> 8301_+† | 15/16" | 12' HD Main Beam | 6" O.C. | 144 x 15/16 x 1-11/16" | 16.73 | 8.73 |
| <input type="checkbox"/> 7300_♦ <input type="checkbox"/> 8300_+† | 15/16" | 12' ID Main Beam | 6" O.C. | 144 x 15/16 x 1-11/16" | 13.5 | 6.35 |
| <input type="checkbox"/> 7305_♦ | 15/16" | 140" ID Main Beam | 10" O.C. | 140 x 15/16 x 1-11/16" | 10.73 | 8.73 |
| <input type="checkbox"/> 7306_♦ | 15/16" | 132" HD Main Beam | 10", 30", 50", 56", 76", 96", 116", 122" | 132 x 15/16 x 1-11/16" | 16.73 | 8.73 |
| <input type="checkbox"/> 7307_♦ | 15/16" | 126" HD Main Beam | 10", 30", 50", 70", 90", 110", 116" | 126 x 15/16 x 1-11/16" | – | – |
| <input type="checkbox"/> 7302_♦ | 15/16" | 10' ID Main Beam | 6" O.C. | 120 x 15/16 x 1-11/16" | 13.5 | 6.35 |
| <input type="checkbox"/> XL7380_♦ | 15/16" | 8' Cross Tee | 12" O.C. | 96 x 15/16 x 1-11/16" | 12.12** | – |
| <input type="checkbox"/> XL7390_♦ | 15/16" | 6' Cross Tee | 12" O.C. | 72 x 15/16 x 1-11/16" | 12.24* | – |
| <input type="checkbox"/> XL7357_♦ | 15/16" | 5' Cross Tee | 6", 12", 24", 30", 36", 48", 54" | 60 x 15/16 x 1-11/16" | – | 7.61 |
| <input type="checkbox"/> XL7358_♦ | 15/16" | 5' Cross Tee | 6", 20", 30", 40", 54" | 60 x 15/16 x 1-11/16" | – | 7.61 |
| <input type="checkbox"/> XL7341_**** <input type="checkbox"/> XL7341HRC <input type="checkbox"/> XL8341_+† | 15/16" | 4' Cross Tee | 12" O.C. | 48 x 15/16 x 1-11/16" | 16.89 | – |
| <input type="checkbox"/> XL7340_♦ <input type="checkbox"/> XL8340_+† | 15/16" | 4' Cross Tee | 12" O.C. | 48 x 15/16 x 1-11/16" | 12.25 | – |
| <input type="checkbox"/> XL7342_♦ | 15/16" | 4' Cross Tee | 12" O.C. | 48 x 15/16 x 1-1/2" | 7.8 | – |
| <input type="checkbox"/> XL7348_♦ | 15/16" | 4' Cross Tee | 12" | 48 x 15/16 x 1-3/8" | 6.78 | – |
| <input type="checkbox"/> XL7330_**** | 15/16" | 3' Cross Tee | – | 36 x 15/16 x 1-11/16" | 20.3 @ 3' | – |
| <input type="checkbox"/> XL7378_♦ | 15/16" | 30" Cross Tee | – | 30 x 15/16 x 1-3/8" | 16.54 @ 2.5' | – |
| <input type="checkbox"/> XL7328_♦ <input type="checkbox"/> XL8323_+† | 15/16" | 2' Cross Tee | – | 24 x 15/16 x 1-3/8" | 36.0 @ 2' | – |
| <input type="checkbox"/> XL8320HRC <input type="checkbox"/> XL8320_+† | 15/16" | 2' Cross Tee | – | 24 x 15/16 x 1-11/16" | 61.33 @ 2' | – |
| <input type="checkbox"/> XL7368_♦ | 15/16" | 20" Cross Tee | – | 20 x 15/16 x 1-3/8" | 36.0 @ 1.67' | – |
| <input type="checkbox"/> XL7398_♦ | 15/16" | 18" Cross Tee | – | 18 x 15/16 x 1-3/8" | – | – |
| <input type="checkbox"/> XL7318_♦ | 15/16" | 1' Cross Tee | – | 12 x 15/16 x 1-3/8" | 36.0 @ 1' | – |
| <input type="checkbox"/> XL7304_♦ | 15/16" | 4" Cross Tee | – | 4 x 15/16 x 1-11/16" | – | – |
| <input type="checkbox"/> XL7306_♦ | 15/16" | 6" Cross Tee | – | 6 x 15/16 x 1-11/16" | – | – |

PERFORMANCE

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

| Pcs./Ctn. | Lin. Ft./Ctn. |
|-----------|---------------|
| 20 | 240 |
| 20 | 240 |
| 20 | 240 |
| 20 | 240 |
| 20 | 240 |
| 20 | 233 |
| 20 | 220 |
| 20 | 210 |
| 20 | 200 |
| 20 | 160 |
| 20 | 120 |
| 60 | 300 |
| 60 | 300 |
| 60 | 240 |
| 60 | 240 |
| 60 | 240 |
| 60 | 240 |
| 60 | 240 |
| 60 | 180 |
| 60 | 150 |
| 60 | 120 |
| 60 | 120 |
| 60 | 120 |
| 60 | 120 |
| 60 | 100 |
| 60 | 90 |
| 120 | 120 |
| 60 | 20 |
| 60 | 30 |

PRELUDE® XL® and PRELUDE XL HIGH RECYCLED CONTENT (HRC)

15/16" Exposed Tee System

VISUAL SELECTION

PERFORMANCE

PACKAGING

| Item No. | Face Profile | Description | Rout Spacing | Dimensions (Inches) | Load Test Data (Lbs./Lin. Ft.) | | Fire Guard™ | Seismic Category | Pcs./Ctn. | Lin. Ft./Ctn. |
|---|--|---|-------------------|---------------------|--------------------------------|---------------|-------------|------------------|-----------|---------------|
| | | | | | L/360 | Lbs./Lin. Ft. | | | | |
| Prelude® XL® continued | | | | | 4 Ft. | 5 Ft. | | | | |
| Dots represent high level of performance. | | | | | | | | | | |
| Size Capabilities | | Main Beams Length | Cross Tees Length | | | | | | | |
| 15/16" | 1 CTN MIN Made-to-Order Sizes or Colors (2 Wks) | 36" – 144" | 6" – 144" | | | | | | | |
| | | Rout spacing 3" from ends, 6" thereafter NOTE: Up to 6 Weeks for Color & Size Combinations | | | | | | | | |

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
 - ** Hanger Wire Support Mid-Span
 - *** Items available in White, Tech Black, and Blizzard White powder-coated finish
 - ◆ Items available in Standard, Premium, and Blizzard White powder-coated finish
 - ◇ Items available in White and Blizzard White powder-coated finish
 - † Items 8300, 8301, XL8320, XL8323, XL8340, and XL8341 available in Black (BL) or White (WH) 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)

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

| Item No.♦ | Face Profile | Description | Dimensions (Inches) | Load Test Data (Lbs./Lin. Ft.) | | Fire Guard™ | Seismic Category | Pcs./Ctn. | Lin. Ft./Ctn. |
|---|--------------|---|------------------------|--------------------------------|-------|-------------|------------------|-----------|---------------|
| | | | | 4 Ft. | 5 Ft. | | | | |
| Prelude XL Painted Grid to Match Axiom® Trim (360° Painted – Powder Coated Paint) | | | | | | | | | |
| <input type="checkbox"/> AX73003__ | 15/16" | 12" ID Main Beam, Routs 6" O.C. | 144 x 15/16 x 1-11/16" | 13.5 | 6.35 | – | – | 20 | 240 |
| <input type="checkbox"/> AX73013__ | 15/16" | 12" HD Main Beam, Routs 6" O.C. | 144 x 15/16 x 1-11/16" | 16.73 | 8.73 | – | – | 20 | 240 |
| <input type="checkbox"/> AX73423__ | 15/16" | 4' Cross Tee, Routs 12" O.C. | 48 x 15/16 x 1-1/2" | 7.8 | – | – | – | 60 | 240 |
| <input type="checkbox"/> AX73283__ | 15/16" | 2' Cross Tee | 24 x 15/16 x 1-3/8" | 36.0 @ 2' | – | – | – | 60 | 120 |
| <input type="checkbox"/> AX73183__ | 15/16" | 1' Cross Tee | 12 x 15/16 x 1-3/8" | 36.0 @ 1' | – | – | – | 120 | 120 |
| <input type="checkbox"/> AX73583__ | 15/16" | 5' Cross Tee Routs 6", 20", and 30" from ends | 60 x 15/16 x 1-1/2" | 7.61 | – | – | – | 60 | 300 |
| <input type="checkbox"/> AX73783__ | 15/16" | 30" Cross Tee | 30 x 15/16 x 1-3/8" | 16.54 @ 2.5 | – | – | – | 60 | 150 |
| <input type="checkbox"/> AX83403__ | 15/16" | 4' Cross Tee, Routs 12" O.C. | 48 x 15/16 x 1-1/2" | – | – | – | – | 60 | – |
| <input type="checkbox"/> AXAL7220__ | 15/16" | 2' Cross Tee | 24 x 15/16 x 1-1/2" | – | – | – | – | 60 | 120 |

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)

VISUAL SELECTION

PACKAGING

| Item No. | Description | Length | (A) Flange | (B) Height | (C) Reveal | (D) Reveal | Pcs./Ctn. | Lin. Ft./Ctn. |
|--|--------------------------|--------|------------|------------|------------|------------|-----------|---------------|
| Suggested Wall Moldings and Shadow Moldings | | | | | | | | |
| <input type="checkbox"/> 7800_♦ | 12' Hemmed Angle Molding | 144" | 7/8" | 7/8" | – | – | 30 | 360 |
| <input type="checkbox"/> 7800HRC | | | | | | | | |
| <input type="checkbox"/> 7808_♦ | 10' Hemmed Angle Molding | 120" | 2" | 2" | – | – | 10 | 100 |
| <input type="checkbox"/> 780812_♦ | 12' Hemmed Angle Molding | 144" | 2" | 2" | – | – | 10 | 120 |
| <input type="checkbox"/> 7807 | 10' Hemmed Angle Molding | 120" | 2" | 1" | – | – | 10 | 100 |
| <input type="checkbox"/> 7875_♦ | 10' Shadow Molding | 120" | 3/4" | 15/16" | 1/2" | – | 30 | 300 |
| <input type="checkbox"/> 7877_♦*** | 10' Shadow Molding | 120" | 15/16" | 15/16" | 1/4" | – | 30 | 300 |
| <input type="checkbox"/> 7878_♦*** | 10' Shadow Molding | 120" | 15/16" | 15/16" | 3/8" | – | 30 | 300 |
| <input type="checkbox"/> 7897_♦*** | 10' Shadow Molding | 120" | 15/16" | 15/16" | 1/2" | – | 30 | 300 |
| <input type="checkbox"/> 7888__ | 10' Shadow Molding | 120" | 15/16" | 15/16" | 3/8" | 1/4" | 30 | 300 |
| <input type="checkbox"/> 7850_♦ | 12' Hemmed Angle Molding | 120" | 1-1/8" | 7/8" | – | – | 30 | 300 |
| <input type="checkbox"/> 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
 - ♦♦♦ Items available in Standard, Premium, and Blizzard White powder-coated finish
 - ♦ Items available in White and Blizzard White 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)

TechLine 877 276-7876

armstrongceilings.com/suspensionsystems



PRELUDE® XL® and PRELUDE XL HIGH RECYCLED CONTENT (HRC)

15/16" Exposed Tee System

| Configuration | | Item No. | MAXIMUM FIXTURE WEIGHT | | | | Hanger Spacing | | Maximum Weight | |
|--|---|-------------------------------------|------------------------|-----------|-----------------|-----------|----------------|-----|----------------|------------|
| A | B | | Fixture | | Planning Module | | A | B | A | B |
| Main Beam to Main Beam – Drawing Key: Main beam (↑) Cross tee (---) Hanger wire (↔) | | | | | | | | | | |
| | | 7300/8300/7302 7301/8301 | 24" x 48" | 24" x 48" | 48" x 48" | 48" x 48" | 48" | 48" | 69.27 lbs. | 49.27 lbs. |
| | | | 24" x 48" | 24" x 48" | 48" x 48" | 48" x 48" | 48" | 48" | 72.32 lbs. | 72.32 lbs. |
| | | 7300/8300/7302 7301/8301 | 12" x 48" | 12" x 48" | 48" x 48" | 48" x 48" | 48" | 48" | 54.26 lbs. | 47.17 lbs. |
| | | | 12" x 48" | 12" x 48" | 48" x 48" | 48" x 48" | 48" | 48" | 100.0 lbs. | 63.32 lbs. |
| | | 7300/8300/7305 7301/8301 | 24" x 48" | 20" x 60" | 60" x 60" | 60" x 60" | 48" | 48" | 56.47 lbs. | 43.21 lbs. |
| | | | 24" x 48" | 20" x 60" | 60" x 60" | 60" x 60" | 48" | 48" | 56.47 lbs. | 65.46 lbs. |

Main beams tested as follows: 7300 tested at 13.0 lbs./LF to 1/360 of 4' span; 7301 tested at 16.5 lbs./LF to 1/360 of 4' span.

| Configuration | | Item No. | MAXIMUM FIXTURE WEIGHT | | | | Hanger Spacing | | Maximum Weight | |
|--|---|---|------------------------|-----------|-----------------|-----------|----------------|-----|----------------|------------|
| A | B | | Fixture | | Planning Module | | A | B | A | B |
| Cross Tee to Cross Tee – Drawing Key: Main beam (↑) Cross tee (---) Hanger wire (↔) | | | | | | | | | | |
| | | XL8340/XL7340 XL7342 XL8341/XL7341 | 24" x 48" | 24" x 24" | 64" x 60" | 48" x 48" | 48" | 48" | 69.27 lbs. | 80.55 lbs. |
| | | | 24" x 48" | 24" x 24" | 64" x 60" | 48" x 48" | 48" | 48" | 40.89 lbs. | 52.26 lbs. |
| | | | 24" x 48" | 24" x 24" | 64" x 60" | 48" x 48" | 48" | 48" | 81.67 lbs. | 100.0 lbs. |
| | | XL8340/XL7340 XL8341/XL7341 | 24" x 48" | 12" x 48" | 48" x 48" | 48" x 48" | 48" | 48" | 49.27 lbs. | 42.17 lbs. |
| | | | 24" x 48" | 12" x 48" | 48" x 48" | 48" x 48" | 48" | 48" | 72.32 lbs. | 63.32 lbs. |

Fixtures weighing more than 56 lbs. should be independently supported. Fixture weight is based on single fixture only. For end-to-end fixtures or other configurations not shown, consult your Armstrong Ceilings representative.
NOTE: The above data is based on 48" hanger wire spacing, board weight of 1 lb./SF, maximum deflection of tees not to exceed 1/360 of the span, and suspension system installed in accordance with ASTM C636.

COLOR AND FINISH SELECTION

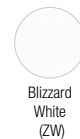
Standard



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)

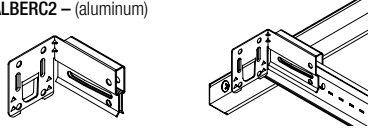
PRELUDE® XL® and PRELUDE XL HIGH RECYCLED CONTENT (HRC)

15/16" 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.

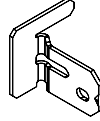
ALBERC2 – (aluminum)



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

STAC – Single Tee Adapter Clip –

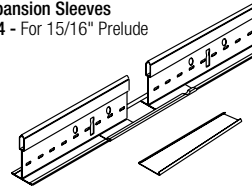
Used to create code compliant non-seismic and seismic C and D, E, F off-module main beam to cross tee connections.



- STAC – 120 pcs
- FZSTAC – 50 pcs

Expansion Sleeves

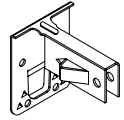
ES4 - For 15/16" Prelude



- ES4 – 200 pcs
- FZES4 – 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

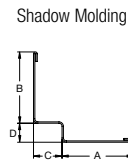
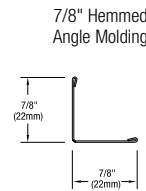
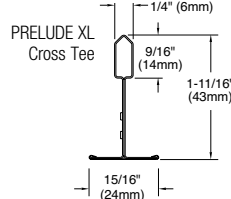
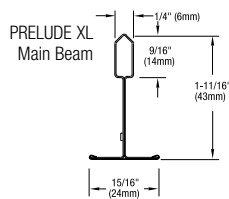
DETAILS



PRELUDE XL
Main Beam



PRELUDE XL
Cross Tee



SEISMIC PERFORMANCE

Main Beams

7301, 7301HRC, 7306, 7307, 8301

Minimum Lbs. To Pull Out Compression/Tension

335.0
330.0

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

15/16"

Profile

Exposed tee

Cross Tee/Main Beam Interface

Override

End Detail

Main Beam: Staked-on clip

Cross Tee: Staked-on clip

Duty Classification

Intermediate or Heavy-duty