

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

## 15/16" Exposed Tee System

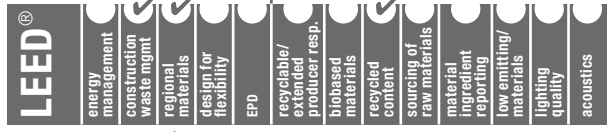
**Declare™**  
Living Building  
Challenge Compliant

**SUSTAIN™**  
High Performance  
Sustainable  
Ceiling Systems



UP TO **63%** RECYCLED CONTENT

Calculate LEED contribution at [armstrongceilings.com/greenengine](http://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
- XL<sup>2</sup> 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
- Education
- Healthcare
- Offices
- Hospitality

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

### 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.				
<b>Prelude XL (Red Numbers are Fire Guard Items)</b>					<b>4 Ft.</b>	<b>5 Ft.</b>				
<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	-	•	20	240
<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	-	-	20	240
<input type="checkbox"/> 7305 _ _ <input type="checkbox"/> 8305 _ _ †	15/16"	140" ID Main Beam	10" O.C.	140 x 15/16 x 1-11/16"	10.73	8.73	-	-	20	233
<input type="checkbox"/> 7306 _ _ <input type="checkbox"/> 8306 _ _ †	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	-	•	20	220
<input type="checkbox"/> 7307 _ _ <input type="checkbox"/> 8307 _ _ †	15/16"	126" HD Main Beam	10", 30", 50", 70", 90", 110", 116"	126 x 15/16 x 1-11/16"	-	-	-	•	20	210
<input type="checkbox"/> 7302 _ _ <input type="checkbox"/> 8302 _ _ †	15/16"	10' ID Main Beam	6" O.C.	120 x 15/16 x 1-11/16"	13.5	6.35	-	-	20	200
<input type="checkbox"/> XL7380 _ _ <input type="checkbox"/> 8380 _ _ †	15/16"	8' Cross Tee	12" O.C.	96 x 15/16 x 1-11/16"	12.12**	-	-	•	20	160
<input type="checkbox"/> XL7390 _ _ <input type="checkbox"/> 8390 _ _ †	15/16"	6' Cross Tee	12" O.C.	72 x 15/16 x 1-11/16"	12.24*	-	-	•	20	120
<input type="checkbox"/> XL7357 _ _ <input type="checkbox"/> 8357 _ _ †	15/16"	5' Cross Tee	6", 12", 24", 30", 36", 48", 54"	60 x 15/16 x 1-11/16"	-	7.61	-	•	60	300
<input type="checkbox"/> XL7358 _ _ <input type="checkbox"/> 8358 _ _ †	15/16"	5' Cross Tee	6", 20", 30", 40", 54"	60 x 15/16 x 1-11/16"	-	7.61	-	•	60	300
<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	-	-	•	60	240
<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	-	-	•	60	240
<input type="checkbox"/> XL7342 _ _ <input type="checkbox"/> 8342 _ _ †	15/16"	4' Cross Tee	12" O.C.	48 x 15/16 x 1-1/2"	7.8	-	-	•	60	240
<input type="checkbox"/> XL7348 _ _ <input type="checkbox"/> 8348 _ _ †	15/16"	4' Cross Tee	12"	48 x 15/16 x 1-3/8"	6.78	-	-	•	60	240
<input type="checkbox"/> XL7330 _ _ <input type="checkbox"/> 8330 _ _ †	15/16"	3' Cross Tee	-	36 x 15/16 x 1-11/16"	20.3 @ 3'	-	-	•	60	180
<input type="checkbox"/> XL7378 _ _ <input type="checkbox"/> 8378 _ _ †	15/16"	30" Cross Tee	-	30 x 15/16 x 1-3/8"	16.54 @ 2.5'	-	-	•	60	150
<input type="checkbox"/> XL7328 _ _ <input type="checkbox"/> XL8328 _ _ †	15/16"	2' Cross Tee	-	24 x 15/16 x 1-3/8"	36.0 @ 2'	-	-	•	60	120
<input type="checkbox"/> XL8320HRC <input type="checkbox"/> XL8320 _ _ †	15/16"	2' Cross Tee	-	24 x 15/16 x 1-11/16"	61.33 @ 2'	-	-	•	60	120
<input type="checkbox"/> XL7368 _ _ <input type="checkbox"/> 8368 _ _ †	15/16"	20" Cross Tee	-	20 x 15/16 x 1-3/8"	36.0 @ 1.67'	-	-	•	60	100
<input type="checkbox"/> XL7398 _ _ <input type="checkbox"/> 8398 _ _ †	15/16"	18" Cross Tee	-	18 x 15/16 x 1-3/8"	-	-	-	•	60	90
<input type="checkbox"/> XL7318 _ _ <input type="checkbox"/> 8318 _ _ †	15/16"	1' Cross Tee	-	12 x 15/16 x 1-3/8"	36.0 @ 1'	-	-	•	120	120
<input type="checkbox"/> XL7304 _ _ <input type="checkbox"/> 8304 _ _ †	15/16"	4" Cross Tee	-	4 x 15/16 x 1-11/16"	-	-	-	•	60	20
<input type="checkbox"/> XL7306 _ _ <input type="checkbox"/> 8306 _ _ †	15/16"	6" Cross Tee	-	6 x 15/16 x 1-11/16"	-	-	-	•	60	30

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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.				
<b>Size Capabilities</b>					<b>Main Beams Length</b>	<b>Cross Tees Length</b>				
15/16"	1 CTN MIN Made-to-Order Sizes or Colors (2 Wks)	36" – 144"	6" – 144"							
		Rout spacing 3" from ends, 6" thereafter								
					<b>NOTE: Up to 6 Weeks for Color &amp; Size Combinations</b>					

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

Varies Varies  
 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
  - \*\* 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](http://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.
<b>Prelude XL Painted Grid to Match Axiom® Trim (360° Painted – Powder Coated Paint)</b>				4 Ft.	5 Ft.				
<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

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

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.
<b>Suggested Wall Moldings and Shadow Moldings</b>								
<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)

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					L/360	Lbs./Lin. Ft.				
<b>Continuous Load Path (CLP)</b>					<b>4 Ft.</b>	<b>5 Ft.</b>				
<input type="checkbox"/> <b>CLP7301</b>	15/16"		–	6 x 15/16"			–	•	20	10
<input type="checkbox"/> <b>7396</b>	15/16"	9' 6" Main Beam	6" O.C.	114 x 15/16"	16.5	8.73	–	•	20	190
<input type="checkbox"/> <b>7376</b>	15/16"	7' 6" Main Beam	6" O.C.	90 x 15/16"	16.5	8.73	–	•	20	150

Dots represent high level of performance.

## MAXIMUM FIXTURE WEIGHT

Configuration		Item No.	Fixture		Planning Module		Hanger Spacing		Maximum Weight	
A	B		A	B	A	B	A	B	A	B
<b>Main Beam to Main Beam – Drawing Key: Main beam (↑) Cross tee (---) Hanger wire (↔)</b>										
		<b>7300/8300/7302 7301/8301</b>	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.
		<b>7300/8300/7302 7301/8301</b>	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.
		<b>7300/8300/7305 7301/8301</b>	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.

## MAXIMUM FIXTURE WEIGHT

Configuration		Item No.	Fixture		Planning Module		Hanger Spacing		Maximum Weight	
A	B		A	B	A	B	A	B	A	B
<b>Cross Tee to Cross Tee – Drawing Key: Main beam (↑) Cross tee (---) Hanger wire (↔)</b>										
		<b>XL8340/XL7340 XL7342 XL8341/XL7341</b>	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.
		<b>XL8340/XL7340 XL8341/XL7341</b>	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

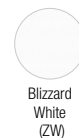
### Standard



### 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)

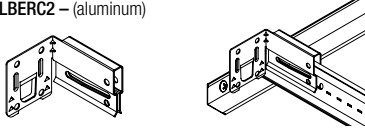
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15/16" Exposed Tee System

## ACCESSORIES

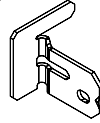
**BERC2 – 2" Beam End Retaining Clip** – Allows you to create a code compliant Seismic D, E, F ceiling installation while eliminating the need to use 2" wall molding or spreader bars.

**ALBERC2** – (aluminum)



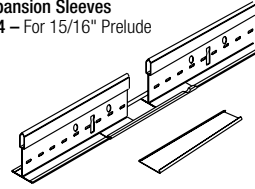
- BERC2** (Steel) – 200 pcs
- ALBERC2** (Aluminum) – 200 pcs
- FZBERC2** (Steel) – 50 pcs
- FZALBERC2** (Aluminum) – 50 pcs

**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.



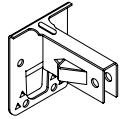
- STAC** – 120 pcs
- FZSTAC** – 50 pcs

**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 barbs without pop rivets or screws.



- GCWA** – 250 pcs
- FZGCWA** – 50 pcs

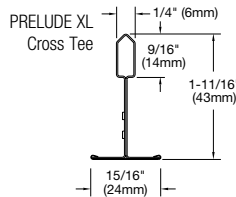
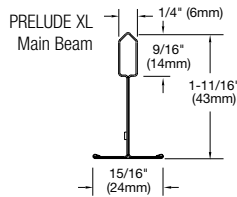
## DETAILS



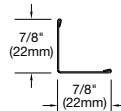
PRELUDE® XL®  
Main Beam



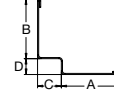
PRELUDE XL  
Cross Tee



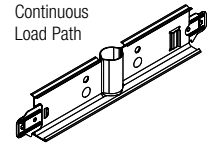
7/8" Hemmed  
Angle Molding



Shadow  
Molding



Continuous  
Load Path



- CLP7301** – 20 pcs

## 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