

# PRELUDE® XL® and PRELUDE XL High Recycled Content (HRC) Exposed Tee Suspension System



Prelude XL suspension system

This hot-dipped galvanized steel 15/16" suspension system offers high recycled content for improved LEED® credits.

## KEY SELECTION ATTRIBUTES

- **Seismic Rx®** Suspension System saves time and money; Armstrong Ceilings offers an ICC-ES approach to installations (ESR-1308)
- **Prelude® XL®** is part of the Sustain™ portfolio and meets the most stringent industry sustainability compliance standards today
- **CleanAssure™** family of products – includes disinfectable panels, suspension systems, and trim (Cleaning and CDC-approved disinfecting options available on [armstrongceilings.com/cleaning](http://armstrongceilings.com/cleaning))
- **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
- 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 minimum
- XL® 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
- Blizzard White and Charcoal Black powder-coated finish
- 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)
- 10-Year replacement items available

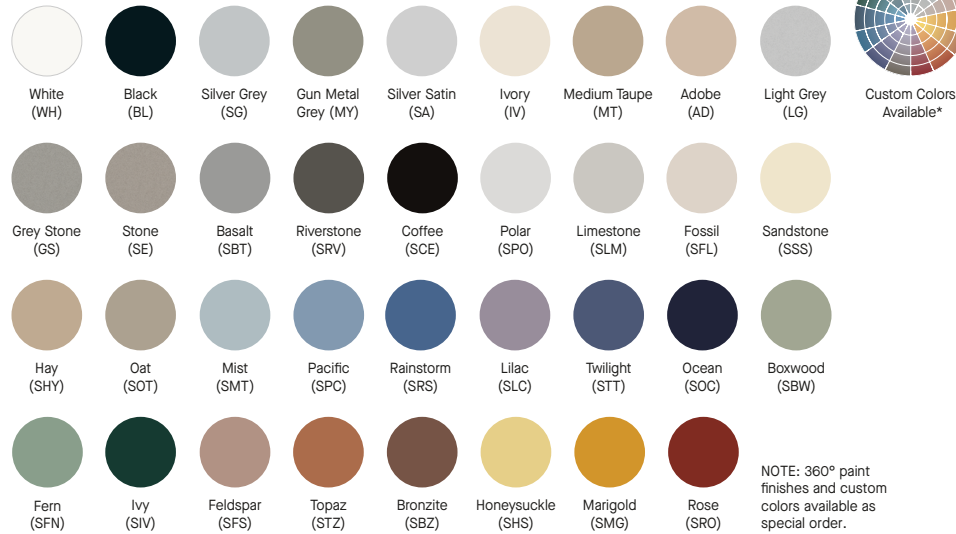


## Prelude® XL® High Recycled Content (HRC)

- Build America, Buy America (BABA) Act compliant
- Prelude® 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



### Powder-Coated Finishes



### Premium



### MetalWorks™ Mesh Coordinating Colors



\* 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.  
\*\* Not available in 360 paint finish.  
† Prefinished aluminum capping for corrosion resistance.

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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)	LOAD TEST DATA (LBS./LIN. FT.)		
				L/360 4 Ft.	L/360 5 Ft.	
PRELUDE® XL® 15/16" (Red Numbers are Fire Guard™ items) (Blue Numbers are BABA Compliant and High Recycled Content Items)	7301__ ❖ 7301HRC 8301	12" HD Main Beam	6" O.C.	144 × 15/16 × 1-11/16"	16.73	8.73
	7300__ ❖ 7300HRC 8300__ †	12" ID Main Beam	6" O.C.	144 × 15/16 × 1-11/16"	13.5	6.35
	7305__ ❖	140" HD Main Beam	10" O.C.	140 × 15/16 × 1-11/16"	16.73	8.73
	7306__ ❖	132" HD Main Beam	10", 30", 50", 56", 76", 96", 116", 122" O.C.	132 × 15/16 × 1-11/16"	16.73	8.73
	7307__ ❖	126" HD Main Beam	10", 30", 50", 70", 90", 110", 116" O.C.	126 × 15/16 × 1-11/16"	16.73	8.73
	7302__ ❖	10" ID Main Beam	6" O.C.	120 × 15/16 × 1-11/16"	13.5	6.35
	XL7380__ ❖	8" Cross Tee	12" O.C.	96 × 15/16 × 1-11/16"	12.12**	N/A
	XL7357__ ❖	5" Cross Tee	6", 12", 24", 30", 36", 48", 54" O.C.	60 × 15/16 × 1-11/16"	N/A	7.61
	XL7390__ ❖	6" Cross Tee	12" O.C.	72 × 15/16 × 1-11/16"	12.24*	N/A
	XL7341__ ❖ XL7341HRC XL8341	4" Cross Tee	12" O.C.	48 × 15/16 × 1-11/16"	16.89	N/A
	XL7340__ ❖ XL8340__ †	4" Cross Tee	12" O.C.	48 × 15/16 × 1-11/16"	12.25	N/A
	XL7342__ ❖ XL7342HRC	4" Cross Tee	12" O.C.	48 × 15/16 × 1-1/2"	7.8	N/A
	XL7348__ ❖ XL7348HRC	4" Cross Tee	12" O.C.	48 × 15/16 × 1-3/8"	6.78	N/A
	XL7330__ ††	3" Cross Tee	N/A	36 × 15/16 × 1-11/16"	20.3 at 3'	N/A
	XL7378__ ❖	30" Cross Tee	N/A	30 × 15/16 × 1-3/8"	16.54 at 2.5'	N/A
	XL7328__ ❖ XL7328HRC XL8323__ †	2" Cross Tee	N/A	24 × 15/16 × 1-3/8"	36.0 at 2'	N/A
	XL8320HRC XL8320 †	2" Cross Tee	N/A	24 × 15/16 × 1-11/16"	61.33 at 2'	N/A
	XL7368__ ❖	20" Cross Tee	N/A	20 × 15/16 × 1-3/8"	36.0 at 1.67'	N/A
	XL7398__ ❖	18" Cross Tee	N/A	18 × 15/16 × 1-3/8"	N/A	N/A
	XL7318__ ❖	1" Cross Tee	N/A	12 × 15/16 × 1-3/8"	36.0 at 1'	N/A
	XL7304__ ❖	4" Cross Tee	N/A	4 × 15/16 × 1-11/16"	N/A	N/A
	XL7306__ ❖	6" Cross Tee	N/A	6 × 15/16 × 1-11/16"	N/A	N/A
Size Capabilities	15/16" Prelude® XL®	Main Beam Length	Cross Tee Length	N/A	N/A	N/A
NOTE: Up to 6 weeks for color and size combinations.	<b>1 Ctn Min FASTSIZE 2 WEEKS order to ship</b>	36" – 144"	3" – 144"			
		Rout spacing 3" from ends, 4" thereafter				

## PERFORMANCE

Fire Guard™	Seismic Category	CleanAssure™ Disinfectable Grid			Pieces/ Carton	LFT/ Carton
		Fog	Spray	Wipe		
N/A	*	*	*	*	20	240
N/A	*	*	*	*	20	240
*	N/A	*	*	*	20	240
N/A	*	*	*	*	20	233
N/A	*	*	*	*	20	220
N/A	*	*	*	*	20	210
N/A	N/A	*	*	*	20	200
N/A	*	*	*	*	20	160
N/A	*	*	*	*	60	300
N/A	*	*	*	*	20	120
N/A	*	*	*	*	60	240
N/A	*	*	*	*	60	240
N/A	*	*	*	*	60	240
N/A	*	*	*	*	60	240
N/A	*	*	*	*	60	240
N/A	*	*	*	*	60	180
N/A	*	*	*	*	60	150
N/A	*	*	*	*	60	120
*	*	*	*	*	60	120
N/A	*	*	*	*	60	120
N/A	*	*	*	*	60	100
N/A	*	*	*	*	60	90
N/A	*	*	*	*	120	120
N/A	*	*	*	*	60	20
N/A	*	*	*	*	60	30
N/A	N/A	N/A	N/A	N/A	Varies	Varies

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.  
NOTE: Additional Prelude XL items for TechZone® Ceiling Systems are listed in the TechZone Technical Guide (BPCS-4486), and available online at [armstrongceilings.com/techzone](http://armstrongceilings.com/techzone)  
\* Simple Span \*\* Hanger Wire Support Mid-Span  
♦ 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. XL7342 L G \_ - Light Grey)  
❖ Available in White (WH), and Blizzard White (ZW) and Charcoal Black (ZB) powder-coated finishes only  
† Available in Black (BL) and White (WH) only  
†† Available in Black (BL), White (WH), and Blizzard White (ZW) and Charcoal Black (ZB) powder-coated finishes only

Dots represent high level of performance.

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COMMON MATERIALS FRAMEWORK

Human Health

Declare Label

Climate Health

EPD

HPD

Ecosystem Health

EPD

3rd Party CDPH

Circular Economy

✓

## VISUAL SELECTION

Item No.	Face Profile	Description	Rout Spacing	Dimensions (Inches)	LOAD TEST DATA (LBS/LF)	
					L/360 4 Ft.	L/360 5 Ft.
Continuous Load Path (CLP)						
CLP7301	15/16"	N/A	N/A	6 × 15/16"	N/A	N/A
7396	15/16"	9' 6" Main Beam	6" O.C.	114 × 15/16"	16.5	8.73
7376	15/16"	7' 6" Main Beam	6" O.C.	90 × 15/16"	16.5	8.73

## PERFORMANCE

Fire Guard™	Seismic Category	CleanAssure™ Disinfectable Grid		
		Fog	Spray	Wipe
•	•	•	•	•

## PACKAGING

Pieces/ Carton	LF/ Carton
20	240
20	190
20	150

Dots represent high level of performance.

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

## VISUAL SELECTION

Item No. ♦	Description	Length	(A) Flange	(B) Flange	(C) Reveal	(D) Reveal	Pieces/ Carton	LFT/ Carton
7800_ _ _ † 7800HRC	12' Hemmed Angle Molding	144"	7/8"	7/8"	N/A	N/A	30	360
7808_ _ ♦	10' Hemmed Angle Molding	120"	2"	2"	N/A	N/A	10	100
780812_ _ ♦	12' Hemmed Angle Molding	144"	2"	2"	N/A	N/A	10	120
7807	10' Hemmed Angle Molding	120"	2"	1"	N/A	N/A	10	100
7875_ _ ♦	10' Shadow Molding	120"	3/4"	15/16"	1/2"	N/A	30	300
7877_ _ ♦***	10' Shadow Molding	120"	15/16"	15/16"	1/4"	N/A	30	300
7878_ _ ♦***†	10' Shadow Molding	120"	15/16"	15/16"	3/8"	N/A	30	300
7897_ _ ♦***	10' Shadow Molding	120"	15/16"	15/16"	1/2"	N/A	30	300
7888	10' Shadow Molding	120"	15/16"	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. XL7342 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). (For these color finishes, use item HD7801)

## MAXIMUM FIXTURE WEIGHT

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

Configuration	Item No.	Fixture		Planning Module		Hanger Spacing		Maximum Weight	
		A	B	A	B	A	B	A	B
Main Beam to Main Beam	7300/8300/7302 7301/8301	24" × 48"	24" × 48"	48" × 48"	48" × 48"	48"	48"	69.27 lbs.	49.27 lbs.
		24" × 48"	24" × 48"	48" × 48"	48" × 48"	48"	48"	72.32 lbs.	72.32 lbs.
	7300/8300/7302 7301/8301	12" × 48"	12" × 48"	48" × 48"	48" × 48"	48"	48"	54.26 lbs.	47.17 lbs.
	7300/8300/7305 7301/8301	24" × 48"	20" × 60"	60" × 60"	60" × 60"	48"	48"	56.47 lbs.	43.21 lbs.
		24" × 48"	20" × 60"	60" × 60"	60" × 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; 8500 tested at 13.3 lbs./in. ft. to 1/360 of 4' span. 48" cross tee tested at 10.34 lbs./in. ft. to 1/360 of 4' span.

Cross Tee to Cross Tee	XL8340/XL7340 XL7342 XL8341/XL7341	24" × 48"	24" × 24"	64" × 60"	48" × 48"	48"	48"	69.27 lbs.	80.55 lbs.
		24" × 48"	24" × 24"	64" × 60"	48" × 48"	48"	48"	40.89 lbs.	52.26 lbs.
	XL8340/XL7340 XL8341/XL7341	24" × 48"	12" × 48"	48" × 48"	48" × 48"	48"	48"	49.27 lbs.	42.17 lbs.
		24" × 48"	12" × 48"	48" × 48"	48" × 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.



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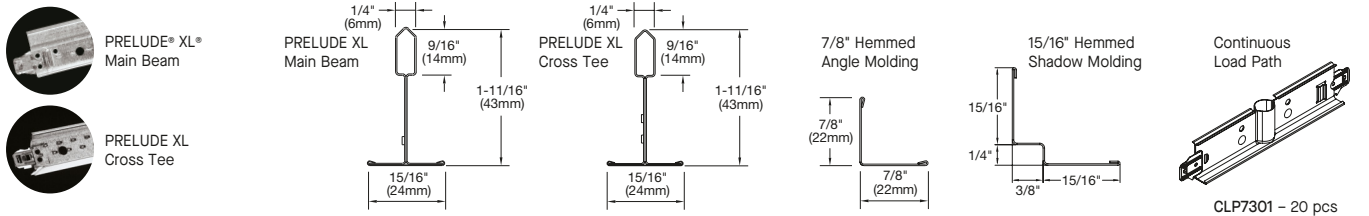
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3rd Party CDPH

Climate Health **EPD**  
Ecosystem Health **EPD**  
Circular Economy **✓**

## ACCESSORIES

Item No.	Description	PCS/ CTN	Item No.	Description	PCS/ CTN
<b>BERC2</b>	<b>2" Beam End Retaining Clip</b> 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.		<b>ES4</b>	<b>Expansion Sleeves</b> For 15/16" Prelude	
<b>BERC2</b>	Steel	200	<b>ES4</b>		200
<b>FZBERC2</b>	Steel	50	<b>FZES4</b>		50
<b>ALBERC2</b>	Aluminum	200	<b>GCWA</b>	<b>Grip Clip Wall Attachment</b> Joins main beam or cross tee to wall molding via locking bars without pop rivets or screws.	
<b>FZALBERC2</b>	Aluminum	50	<b>GCWA</b>		250
<b>STAC</b>	<b>Single Tee Adapter Clip</b> Used to create code-compliant non-seismic and seismic C and D, E, F off-module main beam to cross tee connections.		<b>FZGCWA</b>		50
<b>STAC</b>		120			
<b>FZSTAC</b>		50			

## DETAILS



## 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 re-examination, revisions, and possible cancellation.

## PHYSICAL DATA

**Material**  
G30 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

**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 dyelotted. 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 warranted products or systems.

**Cross Tee/Main Beam Interface**  
Override

**End Detail**  
Main Beam: Staked-on clip  
Cross Tee: Staked-on clip

**Duty Classification**  
Intermediate or Heavy-duty

**Cleaning & Disinfecting**  
Cleaning and CDC-approved disinfecting options available on [armstrongceilings.com/cleaning](http://armstrongceilings.com/cleaning)