

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)
- 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



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

Standard

NOTE: 360° paint finishes and custom colors available as special order.

Premium

Powder-Coated Finishes

* 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.
† Prefinished aluminum capping for corrosion resistance

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" 7301_ ___ 7301HRC 8301	12' HD Main Beam	6" O.C.	144 x 15/16 x 1-11/16"	16.73	8.73
(Red Numbers are Fire Guard™ items) 7300_ ♦ 8300_ ♦†	12' ID Main Beam	6" O.C.	144 x 15/16 x 1-11/16"	13.5	6.35
7305_ ♦	140" HD Main Beam	10" O.C.	140 x 15/16 x 1-11/16"	16.73	8.73

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
 * 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. 7301 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

PERFORMANCE

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

Dots represent high level of performance.

PACKAGING

Pieces/ Carton	LFT/ Carton
20	240
20	240
20	240
20	240
20	240
20	233

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

SUSPENSION SYSTEMS – Standard

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



Declare.

LEED WELL LBC
UP TO 63% RECYCLED CONTENT

- energy management
- construction waste mgmt
- regional materials
- design for flexibility
- EPD
- recyclable/extended producer resp.
- bio-based materials
- recycled content
- sourcing of raw materials
- material ingredient reporting
- low emitting materials
- lighting quality
- acoustics

Calculate sustainability with Green Genie™
armstrongceilings.com/greengenie

LOCATION DEPENDENT

WELL Building Standard™ (WELL)
Living Building Challenge® (LBC)

VISUAL SELECTION

PERFORMANCE

PACKAGING

Item No.	Face Profile	Description	Rout Spacing	Dimensions (Inches)	LOAD TEST DATA (LBS./LIN. FT.)		CleanAssure™ Disinfectable Grid					Pieces/ Carton	LFT/ Carton
					L/360 4 Ft.	L/360 5 Ft.	Fire Guard™	Seismic Category	Fog	Spray	Wipe		
Continuous Load Path (CLP)													
CLP7301	15/16"	N/A	N/A	6 x 15/16"	N/A	N/A	N/A	•	•	•	•	20	240
7396	15/16"	9' 6" Main Beam	6" O.C.	114 x 15/16"	16.5	8.73	N/A	•	•	•	•	20	190
7376	15/16"	7' 6" Main Beam	6" O.C.	90 x 15/16"	16.5	8.73	N/A	•	•	•	•	20	150

Dots represent high level of performance.

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

VISUAL SELECTION

PACKAGING

Item No. ♦	Description	Length	(A) Flange	(B) Flange	(C) Reveal	(D) Reveal	Pieces/ Carton	LFT/ Carton
7800_ _ _ _ †	12' Hemmed Angle Molding	144"	7/8"	7/8"	N/A	N/A	30	360
7800HRC								
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"	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

* Simple Span ** Hanger Wire Support Mid-Span *** 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)
 †† Available in White (WH), Black (BL), 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	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" 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.
Cross Tee to Cross Tee	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.
	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.

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./lin. ft. to 1/360 of 4' span. 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. 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.



SUSPENSION SYSTEMS — Standard

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LEED® WELL™ | LBC

UP TO **63% RECYCLED CONTENT**

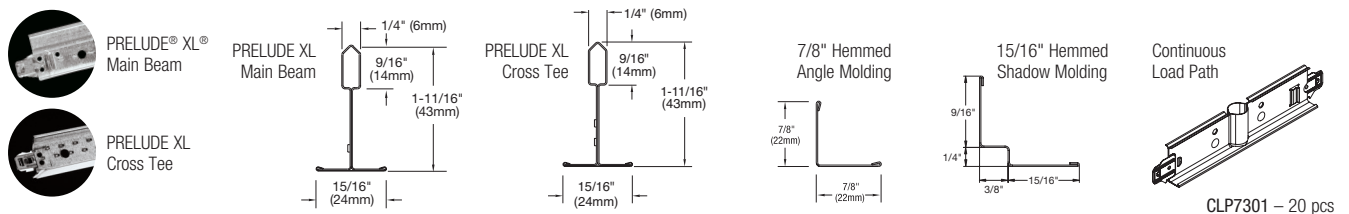
- energy management
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WELL Building Standard™ (WELL) Living Building Challenge® (LBC)

ACCESSORIES

Item No.	Description	Pieces/ Carton	Item No.	Description	Pieces/ Carton
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.		ES4	Expansion Sleeves For 15/16" Prelude	
BERC2	Steel	200	ES4		200
FZBERC2	Steel	50	FZES4		50
ALBERC2	Aluminum	200	GCWA	Grip Clip Wall Attachment Joins main beam or cross tee to wall molding via locking barbs without pop rivets or screws.	
FZALBERC2	Aluminum	50	GCWA		250
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.		FZGCWA		50
STAC		120			
FZSTAC		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

Cross Tee/Main Beam Interface
Override

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.

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