

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

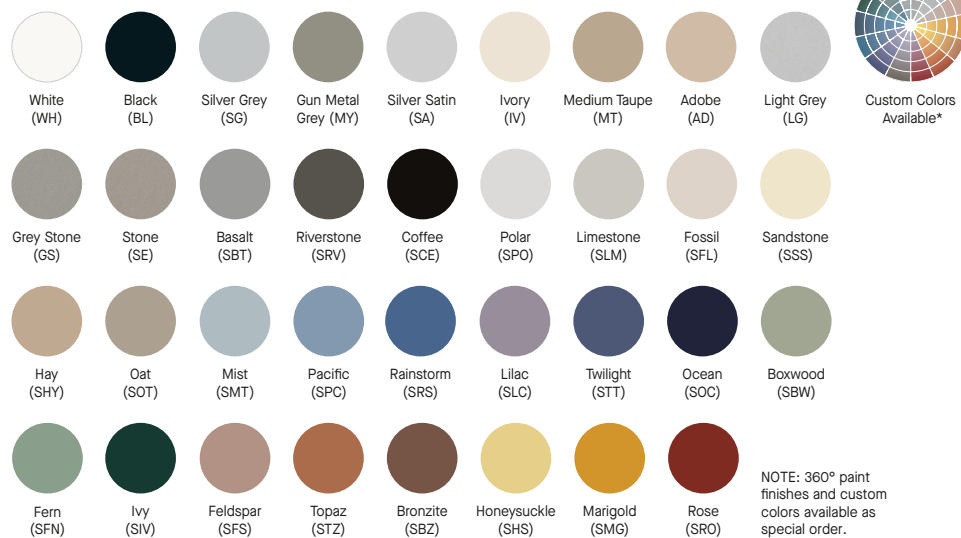


Prelude® XL® High Recycled Content (HRC)

- 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



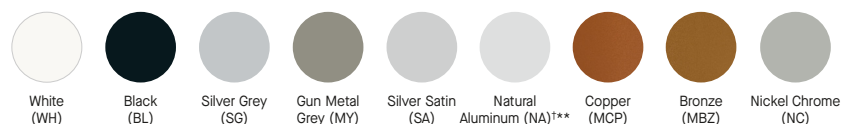
Powder-Coated Finishes



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
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LEED V5			Ecocodes Data
COMMON MATERIALS FRAMEWORK			
Human Health	Declare Label	Climate Health	EPD
	HPD	Ecosystem Health	EPD
	3rd Party CDPH	Circular Economy	✓

VISUAL SELECTION

					LOAD TEST DATA (LBS./LIN. FT.)	
	Item No. ♦	Description	Rout Spacing	Dimensions (Inches)	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
	15/16" Prelude® XL®					
	Main Beam Length		Cross Tee Length	N/A	N/A	N/A
	36" – 144"		3" – 144"			
	Rout spacing 3" from ends, 4" thereafter					
Size Capabilities	1 Ctn Min FASTSIZE 2 WEEKS order to ship					

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
* 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

PERFORMANCE

		CleanAssure™ Disinfectable Grid					Pieces/ Carton	LFT/ Carton
Fire Guard™	Seismic Category	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
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

Dots represent high
level of performance.

SUSPENSION SYSTEMS – Standard

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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.	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	
N/A	*	*	*	*	
N/A	*	*	*	*	
N/A	*	*	*	*	

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	LF/ Carton
Suggested Wall Moldings and Shadow Moldings (Blue Numbers are BABA Compliant and High Recycled Content Items)	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"	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	A	B
Main Beam to Main Beam			7300/8300/7302 7301/8301	24" × 48" 24" × 48"	24" × 48" 24" × 48"	48" × 48" 48" × 48"	48" × 48" 48" × 48"	48" 48"	48" 48"	69.27 lbs. 72.32 lbs.	49.27 lbs. 72.32 lbs.
			7300/8300/7302 7301/8301	12" × 48" 12" × 48"	12" × 48" 12" × 48"	48" × 48" 48" × 48"	48" × 48" 48" × 48"	48" 48"	48" 48"	54.26 lbs. 100.0 lbs.	47.17 lbs. 63.32 lbs.
			7300/8300/7305 7301/8301	24" × 48" 24" × 48"	20" × 60" 20" × 60"	60" × 60" 60" × 60"	60" × 60" 60" × 60"	48" 48"	48" 48"	56.47 lbs. 56.47 lbs.	43.21 lbs. 65.46 lbs.
Cross Tee to Cross Tee			XL8340/XL7340 XL7342 XL8341/XL7341	24" × 48" 24" × 48"	24" × 24" 24" × 24"	64" × 60" 64" × 60"	48" × 48" 48" × 48"	48" 48"	48" 48"	69.27 lbs. 40.89 lbs.	80.55 lbs. 52.26 lbs.
			XL8340/XL7340 XL8341/XL7341	24" × 48" 24" × 48"	12" × 48" 12" × 48"	48" × 48" 48" × 48"	48" × 48" 48" × 48"	48" 48"	48" 48"	49.27 lbs. 72.32 lbs.	42.17 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.

TechLine 877 276-7876

armstrongceilings.com/preludexl

Armstrong®
World Industries

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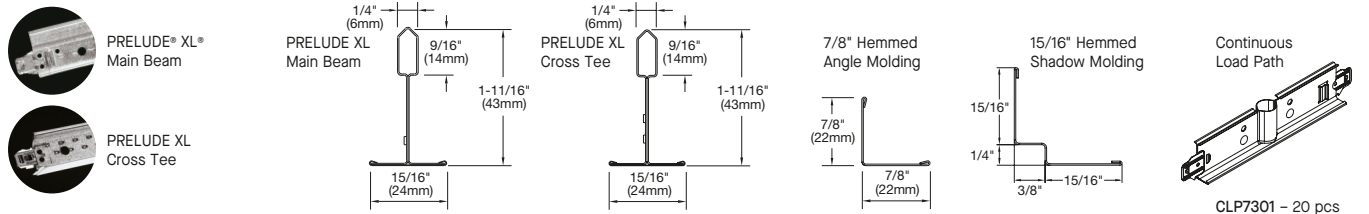
COMMON MATERIALS FRAMEWORK

Human Health	Declare Label	Climate Health	EPD
	HPD	Ecosystem Health	EPD
	3rd Party CDPH	Circular Economy	✓

ACCESSORIES

Item No.	Description	PCS/ CTN		Item No.	Description	PCS/ CTN	
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
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