

PRELUDE® Plus XL® Aluminum Environmental Tee Suspension System



Prelude Plus XL aluminum system

This aluminum 15/16" suspension system is designed for severe environmental performance.

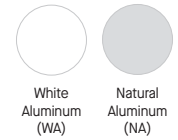
KEY SELECTION ATTRIBUTES

- Seismic Rx® Suspension System saves time and money; an ICC-ES approach to installations (ESR-1308)
- Systems conform to ASTM C635 for severe environmental performance
- CleanAssure™ family of products – includes disinfectable panels, suspension systems, and trim (Cleaning and CDC approved disinfecting options available on armstrongceilings.com/cleaning)
- 10-Year Limited Warranty; 30-Year Limited Warranty with HumiGuard® Plus or HumiGuard® Max products
- Special sizing and rout spacing available
- Rotary-stitching during manufacture by a patented method for additional torsional strength and extra stability during installation
- XL® staked-on end detail provides secure locked connection
- Maximum moisture resistance

TYPICAL APPLICATIONS

- Indoor swimming pools with proper ventilation
- Non-magnetic areas/MRI suites
- Shower rooms

COLORS



Custom Colors Available*

* 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.

VISUAL SELECTION

	Item No. ♦	Description	Dimensions (Inches)	HANGER SPACING* LBS/LF		
				2 Ft.	3 Ft.	4 Ft.
PRELUDE® Plus XL® Aluminum 15/16"	AL7200_ _	12' LD Main Beam	144 x 15/16 x 1-11/16"	N/A	13.47	6.25
	XLAL7240_ _	4' Cross Tee	48 x 15/16 x 1-1/2"	N/A	N/A	6.33
	XLAL7220_ _	2' Cross Tee	24 x 15/16 x 1-1/2"	44.45	N/A	N/A
Molding	AL7801_ _	10' Hemmed Angle Molding (7/8")	120 x 7/8 x 7/8"	N/A	N/A	N/A
Other Sizes	Main beams L: 36" - 144" / Cross tees L: 6" - 144" / Rout spacing 3" from ends, 6" thereafter					
Accessories	ALBERC2	Aluminum Beam End Retaining Clip		N/A	N/A	N/A

★ Simple Span
♦ Add 2-letter color suffix to item number when specifying or ordering (ex. AL7200N A)

PERFORMANCE

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

Dots represent high level of performance.

PACKAGING

Pieces/ Carton	LF/ Carton
20	240
60	240
60	120
30	300
Varies	Varies
200	N/A

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

PRELUDE® Plus XL® Aluminum Environmental Tee Suspension System

RECYCLED
CONTENT

LEED V5

Ecomedes Data

UP TO
91%

COMMON MATERIALS FRAMEWORK

Human Health

Climate Health

Ecosystem Health




3rd Party CDPH

Circular Economy




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
		AL7200	24" x 48"	24" x 48"	48" x 48"	48" x 48"	48"	48"	40.0 lbs.
		AL7200	12" x 48"	N/A	48" x 48"	N/A	48"	N/A	40.0 lbs.

Main Beams tested as follows: Main beams tested at 6.24 lbs./lin. ft. to 1/360 of 4' span.

	XLAL7240	24" x 48"	24" x 24"	48" x 48"	48" x 48"	48"	48"	38.0 lbs.	25.0 lbs.

Cross tees tested as follows: 48" Cross tee tested at 6.33 LBS/LF 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 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.

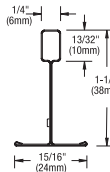
DETAILS

For more information, see submittal BPCS-3155 (Prelude Plus XL Aluminum).

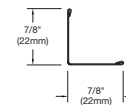


PRELUDE® Plus
XL^{®3156} Aluminum
Cross Tee

PRELUDE
Plus XL
Aluminum
Main Beam
and Cross
Tee



PRELUDE
Plus XL
Aluminum
Wall Molding



SEISMIC PERFORMANCE

Main Beams

AL7200

Minimum Lbs. To Pull Out Compression/Tension
221.9

Cross Tees

XLAL7220, XLAL7240

Minimum Lbs. To Pull Out Compression/Tension
185.0

ICC Reports

For areas under ICC jurisdiction, see ICC evaluation report number 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.

MAIN BEAM LOAD TEST DATA

Main Beams	Length	Web Height	ASTM Class	Hanger Spacing (Lbs./LF. Simple Span)**	
				3'	4'
AL7200	144"	1-1/2"	Light-duty	13.47	6.24

** To derive maximum lbs/sf, divide the on-center spacing of the component into the lbs/lf given in the load test data table.

CROSS TEE LOAD TEST DATA

Cross Tees	Length	Web Height	Hanger Spacing (Lbs./LF. Simple Span)**	
			2'	4'
XLAL7220	24"	1-1/2"	44.45	N/A
XLAL7240	48"	1-1/2"	N/A	6.33

PHYSICAL DATA

Material

Double-web Type 304 Double-web aluminum with prepainted aluminum cap

Surface Finish

Baked polyester paint

Face Dimension

15/16"

Manufactured and tested in accordance with ASTM C635

Profile

Exposed tee

Cross Tee/Main Beam Interface

Override

Cleaning and Disinfecting

Cleaning and CDC recommended disinfecting options available on [armstrongceilings.com/cleaning](https://www.armstrongceilings.com/cleaning)

End Detail

Main Beam: Coupling

Cross Tee: Staked-on XL Clip

Duty Classification

Intermediate-duty

TechLine / 1 877 276-7876
armstrongceilings.com/preludeplus
BPCS-3155-925

LEED® is a registered trademark of the U.S. Green Building Council; Living Building Challenge® (LBC) is a registered trademark of the International Living Future Institute®; WELL™ and WELL Building Standard are trademarks of the International WELL Building Institute; all other trademarks used herein are the property of AWI Licensing LLC and/or its affiliates © 2025 AWI Licensing LLC

Armstrong®
World Industries

SUSPENSION SYSTEMS – Standard