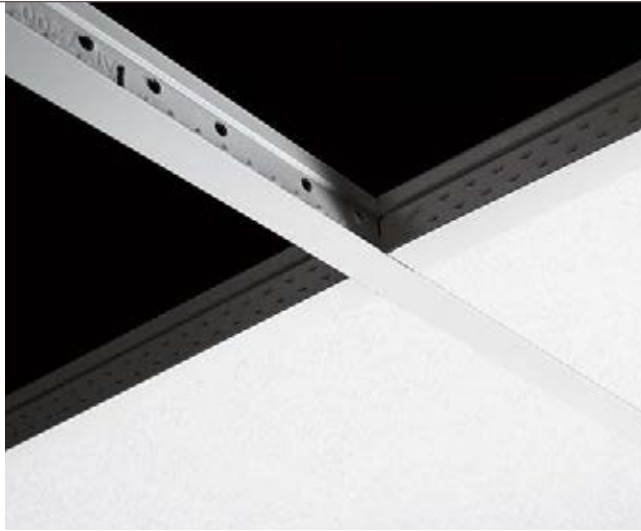


# PRELUDE® PLUS XL® – Aluminum

## Environmental Tee System

**91%** RECYCLED  
CONTENT  
ALUMINUM  
armstrong.com/greengenie



### KEY SELECTION ATTRIBUTES

AL Prelude Plus XL 15/16" Environmental Tee System offers maximum protection when severe environmental performance is required.

- **Seismic Rx®** Suspension System saves time and money; Armstrong offers an ICC-ES approach to installations (ESR-1308)
- All systems conform to ASTM C635 for Severe Environmental Performance
- 10-year limited warranty; 30-year limited warranty with **HumiGuard® Plus or Max** products
- Main beams and cross tees can be ordered with special sizing and rout spacing for your project needs
- Rotary-stitched during manufacture for additional torsional strength and extra stability during installation
- XL2 staked-on end detail provides secure locked connection; easy to remove, reuse, and relocate (clips made from stainless steel)
- All aluminum for maximum moisture resistance

### TYPICAL APPLICATIONS

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

### MATERIALS

**General:** ASTM C 635 Light-duty main beam classification, commercial-quality cold rolled aluminum. Entire surface chemically cleansed, with aluminum capping prefinished in baked polyester paint.

### VISUAL SELECTION

### PERFORMANCE

### PACKAGING

Item* No.	Face Profile	Description	Dimensions (Inches)	Hanger Spacing* Lbs./Lin. Ft.			Fire Guard™	Seismic Category	Pcs./ Ctn.	Lin. Ft./ Ctn.
				2 Ft.	3 Ft.	4 Ft.				
<b>Prelude Plus XL Aluminum</b>				2 Ft.	3 Ft.	4 Ft.	Dots represent high level of performance.			
<input type="checkbox"/> AL7200_ _♦	15/16"	12' LD Main Beam	144 x 15/16 x 1-1/2"	–	13.47	6.33	–	–	20	240
<input type="checkbox"/> XLAL7240_ _♦	15/16"	4' Cross Tee	48 x 15/16 x 1-1/2"	–	–	6.33	–	•	60	240
<input type="checkbox"/> XLAL7220_ _♦	15/16"	2' Cross Tee	24 x 15/16 x 1-1/2"	44.45	–	–	–	•	60	120
<b>Other Sizes</b> Main beams L: 36" - 144" / Cross tees L: 6" - 144" / Rout spacing 3" from ends, 6" thereafter									Varies	Varies
<b>Molding</b>										
<input type="checkbox"/> AL7801_ _♦	7/8"	12' Hemmed Angle Molding 120 x 7/8 x 7/8"		–	–	–	–	–	30	300
<b>Accessories</b>										
<input type="checkbox"/> ALBERC2	–	Aluminum Beam End Retaining Clip		–	–	–	–	–	200	–

\* Simple Span

♦ Add 2-letter color suffix to item number when specifying or ordering (ex. AL7200N Δ)

† Hanger wire spacing reduced to 36" will provide load capacity of 13.47 lbs./LF

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

# PRELUDE® PLUS XL® – Aluminum

## Environmental Tee System

### MAXIMUM FIXTURE WEIGHT

Item No.	Configuration		Fixture		Planning Module		Hanger Spacing		Maximum Weight	
	A	B	A	B	A	B	A	B	A	B
<b>Main Beam to Main Beam</b>										
<input type="checkbox"/> AL7200			24" x 48"	24" x 48"	48" x 48"	48" x 48"	48"	48"	40.0 lbs.	40.0 lbs.
<input type="checkbox"/> AL7200			12" x 48"	–	48" x 48"	–	48"	–	40.0 lbs.	

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

### Cross Tee to Cross Tee

<input type="checkbox"/> XLAL7240			24" x 48"	24" x 24"	48" x 48"	48" x 48"	48"	48"	38.0 lbs.	25.0 lbs.
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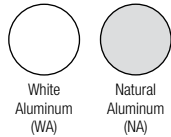
Cross tees tested as follows: 48" Cross tee tested at 6.33 lbs./lin. ft. to 1/360 of 4' span.

### Main Beam ↑ Hanger Wire (•)

\*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.

### COLOR AND FINISH SELECTION

#### Standard



NOTE: Color chips included with samples of Armstrong grid. See your Armstrong representative for sample material.

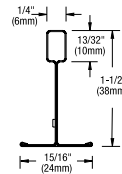
### DETAILS

For more information, see submittal BPCS-3346.

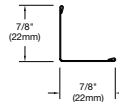


PRELUDE PLUS  
XL Aluminum  
Cross Tee

PRELUDE PLUS  
XL Aluminum  
Main Beam



7/8" Hemmed  
Angle 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.

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

### Main Beam Load Test Data

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

\*\* (Hanger wire spacing reduced to 36" will yield 13.47 lbs./ft.)

### 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	–
XLAL7240	48"	1-1/2"	–	6.33

### PHYSICAL DATA

#### Material

Double-web aluminum with prepainted aluminum cap

#### Surface Finish

Baked polyester paint

#### Face Dimension

15/16"

#### Profile

Exposed tee

#### Cross Tee/Main Beam Interface

Override

#### End Detail

Main Beam: Coupling

Cross Tee: Staked-on XL Clip

#### Duty Classification

Light-duty\*

TechLine<sup>SM</sup> / 1 877 ARMSTRONG  
1 877 276 7876



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BPCS-3155-515

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