

PRELUDE® Plus XL® Stainless Steel Environmental Tee Suspension System



Prelude Plus XL steel suspension system

This steel 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
- Type 304, non-magnetic, stainless steel; withstands corrosive agents
- Peel-off protective film on exposed surfaces prevents scuffing and marking

COLORS



TYPICAL APPLICATIONS

- Food preparation, storage, manufacturing, and packaging areas
- Laboratories
- Chemical processing
- Shower rooms

VISUAL SELECTION

PERFORMANCE

PACKAGING

	Item No.	Description	Dimensions (Inches)	HANGER SPACING* LBS./LFT			CleanAssure™ Disinfectable Grid					Pieces/ Carton	LFT/ Carton
				2 Ft.	4 Ft.	5 Ft.	Fire Guard™	Seismic Category DEF	Fog	Spray	Wipe		
PRELUDE® Plus XL® Stainless Steel 15/16"	SS7200	12' LD Main Beam	144 x 15/16 x 1-1/2"	38.63	N/A	N/A	N/A	*	*	*	*	20	240
	XLSS7240	4' Cross Tee	48 x 15/16 x 1-1/2"	N/A	N/A	N/A	N/A	*	*	*	*	60	240
	XLSS7220	2' Cross Tee	24 x 15/16 x 1-1/2"	61.66	N/A	N/A	N/A	*	*	*	*	60	120
Molding	SS7801	10' Hemmed Angle Molding (7/8")	120 x 7/8 x 7/8"	N/A	N/A	N/A	N/A	*	*	*	*	30	300
Other Sizes	Main beams L: 36" - 144" / Cross tees L: 6" - 144" / Rout spacing 3" from ends, 6" thereafter											Varies	Varies
Accessories	BERC2	Steel Beam End Retaining Clip		N/A	N/A	N/A	N/A	N/A	*	*	*	200	N/A

* Simple Span

Dots represent high level of performance.

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

PRELUDE® Plus XL® Stainless Steel Environmental Tee Suspension System

LEED® WELL™ LBC

30% RECYCLED CONTENT

Calculate sustainability with Green Genie armstrongceilings.com/greengenie

- energy management
- construction waste mgmt
- regional materials
- design for flexibility
- EPD
- recyclable/ biobased materials
- recycled content
- sourcing of raw materials
- material ingredient reporting
- low emitting/ materials
- lighting quality
- acoustics

LOCATION DEPENDENT

MAXIMUM FIXTURE WEIGHT

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

	Configuration			Item No.	Fixture			Planning Module			Hanger Spacing			Maximum Weight		
	A	B	C		A	B	C	A	B	C	A	B	C	A	B	C
Main Beam to Main Beam				SS7200	24" x 48"	24" x 48"	12" x 48"	48" x 48"	48" x 48"	48" x 48"	48"	48"	48"	72.0 lbs.	72.0 lbs.	72.0 lbs.
Cross Tee to Cross Tee				XLSS7240	24" x 48"	24" x 24"	24" x 48"	48" x 48"	48" x 48"	48" x 48"	48"	48"	48"	59.0 lbs.	41.0 lbs.	59.0 lbs.

Main Beams tested as follows: Main beams tested at 12.6 lbs./lin. ft. to 1/360 of 4' span.

Cross tees tested as follows: 48" Cross tee tested at 14.9 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 representative.

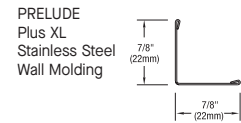
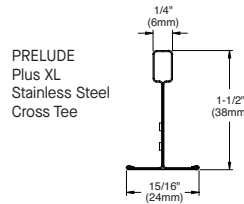
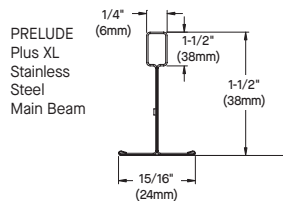
NOTE: The above data is based on 48" hanger wire spacing, board weight of 1 lb./sq. ft., maximum deflection of tees not to exceed 1/360 of the span, and suspension system installed in accordance with ASTM C636.

DETAILS

For more information, see submittal BPCS-3154 (Prelude Plus XL Stainless Steel).



PRELUDE® Plus XL®
Stainless Steel
Cross Tee



SEISMIC PERFORMANCE

	Minimum Lbs. to Pull Out Compression/Tension
Main Beams	4'
SS7200	330.0
XL7240/7220	222.0

NOTE: Requires use of #6 Phillips self-tapping screw through cross tee end detail.

ICC Reports

For areas under ICC jurisdiction, see ICC evaluation service 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.

MAIN BEAM LOAD TEST DATA

Main Beams	Length	Web Height	ASTM Class	Hanger Spacing (Lbs./LF. Simple Span)**	
				4'	5'
SS7200	144"	1-1/2"	Intermediate-duty	12.23	5.4

** 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)**
			4'
XLSS7220	24"	1-1/2"	61.66
XLSS7240	48"	1-1/2"	10.4

PHYSICAL DATA

Material
Double-web Type 304 stainless steel with polished stainless steel cap

Surface Finish
Polished stainless steel

Face Dimension
15/16"

Manufactured and tested in accordance with ASTM C635

Profile
Exposed tee

Cross Tee/Main Beam Interface
Override

End Detail
Main Beam: Coupling
Cross Tee: Staked-on XL Clip

Duty Classification
Intermediate-duty