SS PRELUDE® PLUS XL 15/16″ Environmental Tee System

SS Prelude Plus XL 15/16″ Environmental Exposed Tee System offers maximum protection when severe environmental performance is required.

Key Selection Attributes

- Type 304, nonmagnetic, polished stainless steel, withstands direct and indirect contact with a wide variety of corrosive agents
- System conforms to ASTM C635 for Severe Environmental Performance
- 10-year limited warranty; 15-year with **HumiGuard™ Plus** and **HumiGuard Max** products
- Peel off protective coating on exposed surfaces to prevent scuffing and marking during installation

Typical Applications

- Food preparation, storage, manufacturing and packaging areas
- Laboratories
- Chemical processing
- MRI applications

NOTE: Consult a metallurgist concerning the suitability of this system for your application.

Product Description

Materials

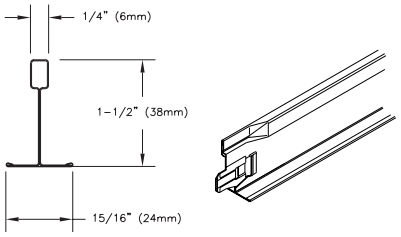
A. General:

ASTM C 635 Intermediate-duty main beam classification, commercial-quality cold rolled Type 304 stainless steel. Entire surface chemically cleansed, with polished stainless steel capping.

B. Components:

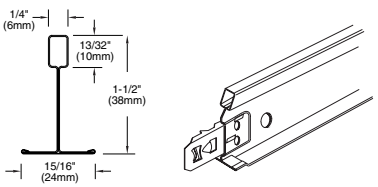
1. Main Beams: Double-web construction, web height 1-1/2″ with rectangular top bulb and 15/16″ flange with stainless steel capping.

☐ SS7200 (144″, routs 6″ OC, Intermediate-duty)
☐ Other _____



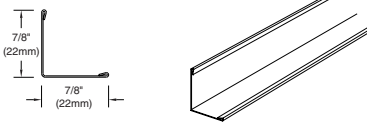
2. Cross Tees: Double-web construction, web height 1-1/2″, rectangular top bulb and 15/16″ stainless steel flange. Staked-on end detail allows easy cross tee removal.

☐ XLSS7240 (48″, routs 12″ OC)
☐ XLSS7220 (24″)
☐ Other _____



3. Wall Moldings: Hemmed all stainless steel angle molding.

☐ SS7801 (120″, angle molding, nominal 7/8″)
☐ Other _____



SS PRELUDE PLUS XL

15/16″ Environmental Tee System

Product Description

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

Surface Finish
Polished stainless steel

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
Intermediate-duty

Main Beam Load Test Data

MAIN BEAM	LENGTH	WEB HEIGHT	ASTM CLASS	HANGER SPACING (Lbs./LF. Simple Span)** 4′	5′
SS7200	144″	1-1/2″	Intermediate-duty	12.23	5.4

Cross Tee Load Test Data

CROSS TEE	LENGTH	WEB HEIGHT	HANGER SPACING (Lbs./LF. Simple Span)** 4′
XLSS7220	24″	1-1/2″	61.66
XLSS7240	48″	1-1/2″	10.4

Seismic Performance

MAIN BEAMS	MINIMUM LBS. TO PULL OUT COMPRESSION/TENSION
SS7200	315.0

CROSS TEES	MINIMUM LBS. TO PULL OUT COMPRESSION/TENSION
XL7240/7220	222.0

ICBO Reports
For areas under ICBO jurisdiction, see ICBO evaluation report number 5173 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.

Color Selection

Color Chip

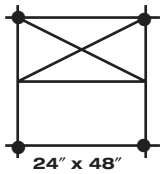
Finish
☐ SS - Polished Stainless Steel

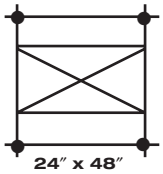
NOTE: Color chips included with samples of Armstrong grid. See your Armstrong representative for sample material.

Maximum Fixture Weight

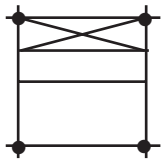
A. Main Beam to Main Beam

Main Beam ↑
Hanger Wire (•)





1. Fixture*	24″ x 48″	24″ x 48″
2. Planning Module	48″ x 48″	48″ x 48″
3. Hanger Spacing	48″	48″
4. Item SS7200	72.0 lbs.	72.0 lbs.

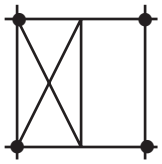


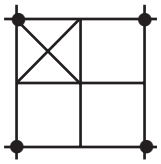
12″ x 48″
48″ x 48″
48″
72.0 lbs.

Main beams tested at 12.6 lbs./lin. ft. to 1/360 of 4′ span.

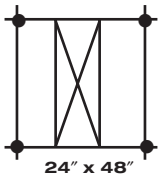
B. Cross Tee to Cross Tee

Main Beam ↑
Hanger Wire (•)





1. Fixture*	24″ x 48″	24″ x 24″
2. Planning Module	48″ x 48″	48″ x 48″
3. Hanger Spacing	48″	48″
4. Item XLSS7240	59.0 lbs.	41.0 lbs.



24″ x 48″
48″ x 48″
48″
59.0 lbs.

48″ Cross tee tested at 14.9 lbs./lin. ft. to 1/360 of 4′ span.

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 C 636.

Fixture weight is based on single fixture only. For end-to-end fixtures or other configurations not shown, consult your Armstrong representative.

*Fixtures weighing more than 56 lbs. should be independently supported.

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