SS PRELUDE® PLUS XL®

15/16" Environmental Tee System

30% STEEL RECYCLED CONTENT

Calculate LEED contribution at armstrongceilings.com/greengenie

LEED®: energy management; construction waste mgmt; regional materials; design for flexibility; EPD; recyclable/ extended producer resp.; biobased materials; recycled content; sourcing of raw materials; material ingredient reporting; low emitting/ materials; lighting quality; acoustics

▲ LOCATION DEPENDENT

KEY SELECTION ATTRIBUTES

- Seismic Rx® Suspension System saves time and money; ICC-ES approach to installations (ESR-1308)
- Rotary-stitching during manufacture by a patented method for additional torsional strength and extra stability during installation
- 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
- Peel off protective coating on exposed surfaces to prevent scuffing and marking during installation
- 10-year limited warranty; 30-year with HumiGuard® Plus and HumiGuard Max products

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

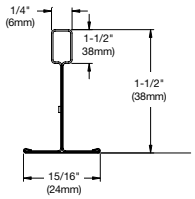
Materials

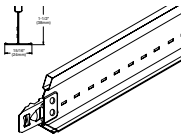
A. General: ASTM C635 (Intermediate-duty) main beam classification, co-extruded steel.

B. Components:

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

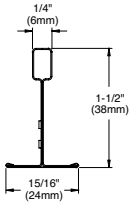
☐ **SS7200** (144", routs 6" OC, Intermediate-duty)
☐ **Other**

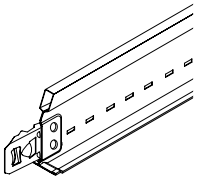




2. Cross Tees: Double-web construction, web height 1-1/2", rectangular top bulb and 15/16" flange with stainless steel capping. Staked-on end detail allows easy cross tee removal.

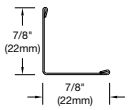
☐ **XLSS7240** (48", routs 12" OC)
☐ **XLSS7220** (24")
☐ **Other**

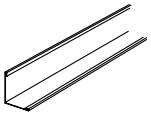




3. Wall Moldings: Hemmed all stainless steel angle molding.

☐ **SS7801** (120", angle molding, nominal 7/8")
☐ **Other**





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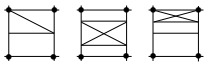
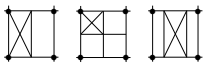
MAXIMUM FIXTURE WEIGHT

Item No.	Configuration A	Configuration B	Configuration C	Fixture A	Fixture B	Fixture C	Planning Module A	Planning Module B	Planning Module C	Hanger Spacing A	Hanger Spacing B	Hanger Spacing C	Item XLSS7240 A	Item XLSS7240 B	Item XLSS7240 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.
Main Beams tested as follows: Main beams tested at 12.6 lbs./lin. ft. to 1/360 of 4' span.															
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.
Cross tees tested as follows: 48" Cross tee tested at 14.9 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./sq. ft., 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

Finish

Polished Stainless Steel (SS)

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

SEISMIC PERFORMANCE

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

NOTE: Requires use of #6 Phillips self-tapping screw through cross tee end detail.
** To derive maximum lbs/sf, divide the on-center spacing of the component into the lbs/lf given in the load test data table.

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 reexamination, 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

Cross Tee Load Test Data

Cross Tees	Length	Web Height	Hanger Spacing (Lbs./LF. Simple Span)** 4'
XLSS7240	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

TechLine / 1 877 ARMSTRONG
armstrongceilings.com/commceilings
(search: suspensionsystem)
BPCS-3154-518

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