**SS PRELUDE® PLUS XL®**
15/16" Environmental Tee System

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

   - **SS7200** (144", routes 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-end end detail allows easy cross tee removal.

   - **XLSS7240** (48", routes 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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armstrongceilings.com/suspensionsystems
**MAXIMUM FIXTURE WEIGHT**

<table>
<thead>
<tr>
<th>Item No.</th>
<th>Configuration</th>
<th>Fixture</th>
<th>Planning Module</th>
<th>Hanger Spacing</th>
<th>Item XLSS7240</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>A B C</td>
<td>A B C</td>
<td>A B C</td>
<td>A B C</td>
</tr>
<tr>
<td>Main Beam to Main Beam</td>
<td></td>
<td>24” x 48” 24” x 48” 12” x 48”</td>
<td>48” x 48” 48” x 48” 48” x 48”</td>
<td>48” 48” 48”</td>
<td>72.0 lbs. 72.0 lbs. 72.0 lbs.</td>
</tr>
<tr>
<td>SS7200</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>24” x 48” 24” x 48” 24” x 48”</td>
<td>48” x 48” 48” x 48” 48” x 48”</td>
<td>48” 48” 48”</td>
<td>59.0 lbs. 59.0 lbs. 59.0 lbs.</td>
</tr>
<tr>
<td>XNSSSS7240</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**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**

<table>
<thead>
<tr>
<th>Main Beams</th>
<th>Minimum Lbs. to Pull-Out Compression/Tension</th>
</tr>
</thead>
<tbody>
<tr>
<td>SS7200</td>
<td>330.0</td>
</tr>
<tr>
<td>XLSS7240</td>
<td>222.0</td>
</tr>
</tbody>
</table>

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

**Main Beam Load Test Data**

<table>
<thead>
<tr>
<th>Main Beams</th>
<th>Length</th>
<th>Web Height</th>
<th>ASTM Class</th>
<th>Hanger Spacing (lbs./sf. Single Spar)</th>
</tr>
</thead>
<tbody>
<tr>
<td>SS7200</td>
<td>144”</td>
<td>1-1/2”</td>
<td>Intermediate-duty</td>
<td>12.23  5-4</td>
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</tbody>
</table>

**Cross Tee Load Test Data**

<table>
<thead>
<tr>
<th>Cross Tee</th>
<th>Length</th>
<th>Web Height</th>
<th>Hanger Spacing (lbs./sf. Single Spar)</th>
</tr>
</thead>
<tbody>
<tr>
<td>XLSS7220</td>
<td>48”</td>
<td>1-1/2”</td>
<td>61.66</td>
</tr>
<tr>
<td>XLSS7240</td>
<td>48”</td>
<td>1-1/2”</td>
<td>10.4</td>
</tr>
</tbody>
</table>

**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

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(search: suspension system)
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