**PRELUDE® Concealed Tee System**

**ITEM NO.**

<table>
<thead>
<tr>
<th>Item No.</th>
<th>Face Profile</th>
<th>Description</th>
<th>Dimensions (Inches)</th>
<th>Route Spacing</th>
<th>Hanger Spacing</th>
<th>Fire Guard™</th>
<th>Seismic Category</th>
<th>Pcs./Ctn.</th>
<th>Lin. Ft./Ctn.</th>
</tr>
</thead>
<tbody>
<tr>
<td>7301</td>
<td>15/16”</td>
<td>12’ HD Main Beam</td>
<td>144 x 15/16 x 1-11/16”</td>
<td>6” O.C.</td>
<td>16.50</td>
<td>–</td>
<td>–</td>
<td>20</td>
<td>240</td>
</tr>
<tr>
<td>7300</td>
<td>15/16”</td>
<td>12’ ID Main Beam</td>
<td>144 x 15/16 x 1-11/16”</td>
<td>6” O.C.</td>
<td>12.80</td>
<td>6.35</td>
<td>–</td>
<td>20</td>
<td>240</td>
</tr>
<tr>
<td>ML7343</td>
<td>15/16”</td>
<td>4’ Cross Tee</td>
<td>48 x 15/16 x 1-1/2”</td>
<td>12” O.C.</td>
<td>9.00</td>
<td>–</td>
<td>–</td>
<td>60</td>
<td>240</td>
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<tr>
<td>ML7342</td>
<td>15/16”</td>
<td>4’ Cross Tee</td>
<td>48 x 15/16 x 1-1/2”</td>
<td>12” O.C.</td>
<td>9.00</td>
<td>–</td>
<td>–</td>
<td>60</td>
<td>240</td>
</tr>
<tr>
<td>ML7323</td>
<td>15/16”</td>
<td>2’ Cross Tee</td>
<td>24 x 15/16 x 1-1/2”</td>
<td>24” O.C.</td>
<td>38.63</td>
<td>–</td>
<td>–</td>
<td>60</td>
<td>120</td>
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<tr>
<td>XL7328</td>
<td>15/16”</td>
<td>2’ Cross Tee</td>
<td>24 x 15/16 x 1-3/8”</td>
<td>24” O.C.</td>
<td>38.63</td>
<td>–</td>
<td>–</td>
<td>60</td>
<td>120</td>
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<tr>
<td>7449RI</td>
<td>7/16”</td>
<td>4’ Single Leaf Tee – Right</td>
<td>48 x 7/16 x 1-1/4”</td>
<td>–</td>
<td>–</td>
<td>–</td>
<td>–</td>
<td>75</td>
<td>300</td>
</tr>
<tr>
<td>7446</td>
<td>3/4”</td>
<td>4’ Tee Spline</td>
<td>48 x 3/4 x 7/8”</td>
<td>–</td>
<td>–</td>
<td>–</td>
<td>–</td>
<td>125</td>
<td>500</td>
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<tr>
<td>7436</td>
<td>3/4”</td>
<td>3’ Tee Spline</td>
<td>36 x 3/4 x 7/8”</td>
<td>–</td>
<td>–</td>
<td>–</td>
<td>–</td>
<td>125</td>
<td>375</td>
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<tr>
<td>7426</td>
<td>7/8”</td>
<td>2’ Tee Spline</td>
<td>24 x 3/4 x 7/8”</td>
<td>–</td>
<td>–</td>
<td>–</td>
<td>–</td>
<td>125</td>
<td>250</td>
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<tr>
<td>7447</td>
<td>7/16”</td>
<td>4’ Concealed Angle</td>
<td>48 x 7/16 x 1-1/4”</td>
<td>–</td>
<td>–</td>
<td>–</td>
<td>–</td>
<td>75</td>
<td>300</td>
</tr>
<tr>
<td>7437</td>
<td>7/16”</td>
<td>3’ Concealed Angle</td>
<td>36 x 7/16 x 1-1/4”</td>
<td>–</td>
<td>–</td>
<td>–</td>
<td>–</td>
<td>100</td>
<td>300</td>
</tr>
<tr>
<td>7427</td>
<td>7/16”</td>
<td>2’ Concealed Angle</td>
<td>24 x 7/16 x 1-1/4”</td>
<td>–</td>
<td>–</td>
<td>–</td>
<td>–</td>
<td>150</td>
<td>300</td>
</tr>
</tbody>
</table>

**VISUAL SELECTION**

**PERFORMANCE**

**PACKAGING**

**KEY SELECTION ATTRIBUTES**

- PeakForm® profile increases strength and stability for improved performance during installation
- SuperLock™ main beam clip is engineered for a strong, secure connection and fast, accurate alignment confirmed with an audible click; easy to remove/relocate
- Hot dipped galvanized coating inhibits red rust better than electro-galvanized or painted systems
- 10-year limited warranty; 30-year limited warranty with HumiGuard® Plus products

**TYPICAL APPLICATIONS**

- Older buildings with minimal overhead clearance

**TYPICAL APPLICATIONS**

**SUGGESTED WALL MOLDINGS AND SHADOW MOLDINGS**

<table>
<thead>
<tr>
<th>Item No.</th>
<th>Description</th>
<th>Length</th>
<th>(A) Flange</th>
<th>(B) Flange</th>
<th>(C) Flange</th>
<th>Pcs./Ctn.</th>
<th>Lin. Ft./Ctn.</th>
</tr>
</thead>
<tbody>
<tr>
<td>7835</td>
<td>12’ Hemmed Angle Molding</td>
<td>120”</td>
<td>7/8”</td>
<td>1-3/4”</td>
<td>9/16”</td>
<td>20</td>
<td>200</td>
</tr>
<tr>
<td>7830</td>
<td>12’ Hemmed Angle Molding</td>
<td>120”</td>
<td>15/16”</td>
<td>1-15/16”</td>
<td>15/16”</td>
<td>30</td>
<td>360</td>
</tr>
</tbody>
</table>

TechLine 877 276-7876
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>Maximum Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>7300</td>
<td>24&quot; x 48&quot;</td>
<td>48&quot; x 48&quot;</td>
<td>48&quot; x 48&quot;</td>
<td>48&quot; x 48&quot;</td>
<td>54.26 lbs.</td>
</tr>
<tr>
<td>7301</td>
<td>24&quot; x 48&quot;</td>
<td>48&quot; x 48&quot;</td>
<td>48&quot; x 48&quot;</td>
<td>48&quot; x 48&quot;</td>
<td>54.26 lbs.</td>
</tr>
</tbody>
</table>

Main beams tested as follows: 7300 tested at 13.0 lbs./LF to 1/360 of 4' span, 7301 tested at 16.5 lbs./LF to 1/360 of 4' span.

Cross Tee to Cross Tee

<table>
<thead>
<tr>
<th>Item No.</th>
<th>Configuration</th>
<th>Fixture*</th>
<th>Planning Module</th>
<th>Hanger Spacing</th>
<th>Maximum Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>ML7343</td>
<td>24&quot; x 48&quot;</td>
<td>48&quot; x 48&quot;</td>
<td>48&quot; x 48&quot;</td>
<td>48&quot;</td>
<td>51.0 lbs.</td>
</tr>
</tbody>
</table>

Cross tees tested as follows: ML7343 tested at 9.00 lbs./lin. ft. to 1/360 of 4' span.

COLOR SELECTION

- White (WH)
- Unpainted

ACCESSORIES

- Tee Spline: Spans distance between main beams or cross tees to support tile. Ribbed flange to minimize lipping.
  - 7436 (36", 7/8" web, 3/4" flange)
  - 7446 (48", 7/8" web, 3/4" flange)
- Conceived Angle: Use with access hook to support tile.
  - 7472 (24", 1-1/4", 7/16")
  - 7487 (36", 1-1/4", 7/16")
- Access Hook: Supports tile, provides upward access to plenum.
  - 7418 (12")
  - 7428 (24")
- Stabilizer Bar: Aligns main beams 24" and 48" O.C.
  - 7425 (24")
  - 7445 (48", center notched)
- Border Clip: Installs between ceiling tiles and perimeter closures.
  - 73870
  - Other
- Breather Spline: Prevents breathing in tiles installed without main beams, cross tees, splines, access members. Ribbed to minimize tile lipping.
  - 7449 (1")
  - Other
- Single Leaf Tee: Use with Access Hook 7418.
  - 7449-LE (48", 1-1/4", 7/16", left)
  - 7449-R (48", 1-1/4", 7/16", right)
  - Other
- Downward Access Clip: DAC

PHYSICAL DATA

- Material: Hot dip galvanized steel
- Surface Finish: Cross tee/Main Beam: Baked polyester paint
- Conceived Components: Unpainted steel
- Manufactured and tested in accordance with ASTM C635

SEISMIC PERFORMANCE

- Main Beams: 7300, 7301
- Minimum Lbs. To Pull Out Compression/Tension: 255.0
- Cross Tees: XL7342, ML7343, ML7323
- Minimum Lbs. To Pull Out Compression/Tension: Exceeds 300 lbs. in compression/tension

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.

DETAILS

For more information, see submittal BPCS-3347.

PRELUDE Concealed Tee System

For end to end fixtures or other configurations not shown, consult your Armstrong representative. Fixtures weighing more than 56 lbs. should be independently supported.

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.

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.