Acoustical Corridor Suspension System
Minimize or Eliminate Hanger Wire Drops
**SingleSpan™ Prelude® PeakForm® Plus Main Beams are 3X stronger than conventional main beams**

**Why use SingleSpan?**
- Reduces or eliminates hanger wires — perfect for healthcare/education spaces with crowded plenums.
- Faster installation helps keep large projects on schedule.
- Compatible with all Armstrong Heavy-Duty suspension main runners using Strongback™ Support Hangers.
- Seismically tested/approved suspension installation configuration (IAPMO certified, evaluation report #0244).
- Provides improved access to utilities in the plenum post installation.

**Non-Seismic Installation — 6’ and 8’ Spans**

- 0 hanger wires for 6’ span
- 1 hanger wire for 8’ span

12 LBS./LIN. FT. 40 LBS./LIN. FT.

**Seismic Installation – 8’ Span**

- 1 hanger wire drop needed for 8’ span

**4 in 1 Seismic Benefits**

- **Berkeley Seismic –** IAPMO Certified, approved for seismic C, D, E, F. Installation helps keep large projects on schedule. A copy of the IAPMO Certification Report and Code-Official White Paper is available online at armstrongceilings.com/singlespan
- **IAPMO Certification Report** — Available for download at armstrongceilings.com/singlespan
- **Seismic Shake Table Test** — The SingleSpan Suspension System was tested on a seismic shake table at UCSD and Buffalo. A copy of the SHAKE Report is available online at armstrongceilings.com/singlespan

**More info?**
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**Additional Information**
- SingleSpan’s Lateral Support Bar functions as:
  - A stabilizer bar
  - Perimeter support wire
  - 2” Wall molding
  - Lateral bracing

**Available for download at armstrongceilings.com/singlespan**
- Specifications, Drawings, Data Page, Installation Instructions
- IAPMO Certification Report
- Code Official White Paper
- Technical Installation Guide
- CAD and Revit Drawings

**Contact Armstrong**
1-877-276-7876
SAY NO TO HANGER WIRES

How the SingleSpan™ System works

1. Prelude® Peakform® Plus
   15/16” main beams with double bulb construction provide heavy duty strength and support for maximum load carrying performance.
2. For 9/16” applications, add SingleSpan strength to any Armstrong heavy-duty main beam by attaching Strongback™ support pieces to them.
3. Structural wall angle maximizes the load-carrying performance of the SingleSpan System and allows you to reduce or eliminate hanger wires.
4. The Lateral Support Bar adds seismic performance to the SingleSpan System:
   - Acts as a stabilizer bar
   - Perimeter support wire
   - 2” wall molding
   - Provides lateral bracing

Seismic Installations

![Image of SingleSpan System components]

**SingleSpan™ Solution Lateral Support Bar**

<table>
<thead>
<tr>
<th>Item No.</th>
<th>Description</th>
<th>Dimensions</th>
<th>Lin. Ft./Ctn.</th>
</tr>
</thead>
<tbody>
<tr>
<td>LS8490RC</td>
<td>48” Lateral Support Bar</td>
<td>48” x 2” x 1-7/8”</td>
<td>40</td>
</tr>
<tr>
<td>LS8890RC</td>
<td>72” Lateral Support Bar</td>
<td>72” x 2” x 1-7/8”</td>
<td>60</td>
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<tr>
<td>LS8895RC</td>
<td>96” Lateral Support Bar</td>
<td>96” x 2” x 1-7/8”</td>
<td>60</td>
</tr>
<tr>
<td>LS1095RC</td>
<td>120” Lateral Support Bar</td>
<td>120” x 2” x 1-7/8”</td>
<td>100</td>
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<tr>
<td>LS1290RC</td>
<td>144” Lateral Support Bar</td>
<td>144” x 2” x 1-1/4”</td>
<td>120</td>
</tr>
</tbody>
</table>

**SingleSpan™ Structural Wall Angle**

<table>
<thead>
<tr>
<th>Description</th>
<th>Dimensions</th>
<th>Lin. Ft./Ctn.</th>
</tr>
</thead>
<tbody>
<tr>
<td>12” SWA1095</td>
<td>Structural Wall Angle</td>
<td>144” x 1-7/8”</td>
</tr>
<tr>
<td>12” SWA1290</td>
<td>Structural Wall Angle</td>
<td>144” x 2” x 1-1/4”</td>
</tr>
</tbody>
</table>

**Structural Wall Angle**

12” SWA1290 | Structural Wall Angle | 144” x 2” x 1-1/4” | 144 |

Structural wall angle is required when hanger wires are greater than 24” from the wall.

**Clips**

<table>
<thead>
<tr>
<th>Description</th>
<th>Lin. Ft./Ctn.</th>
</tr>
</thead>
<tbody>
<tr>
<td>XTC1</td>
<td>Cross Tee Adapter Clip</td>
</tr>
<tr>
<td>BE102</td>
<td>Beam End Retaining Clip</td>
</tr>
</tbody>
</table>

For more information, see BPCS-4300 SingleSpan Corridor Suspension System data sheet.

*Material: Heavy-
  for indoor use for light-

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**For 9/16” applications, add SingleSpan strength to any Armstrong heavy-duty main beam by attaching Strongback™ support pieces to them.**

**The Lateral Support Bar adds seismic performance to the SingleSpan System:**

- Acts as a stabilizer bar
- Perimeter support wire
- 2” wall molding
- Provides lateral bracing

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