FASTER. EASIER. BETTER.

Armstrong® Drywall Framing Systems install faster than traditional methods, which helps you complete jobs under cost and ahead of schedule.

Our Drywall Systems are manufactured to meet or exceed ASTM standards and code requirements and are engineered to provide economical alternatives to stud and track construction.

We provide pre-engineered solutions for direct-to-deck installations, vertical drops, and short spans. This makes Armstrong ShortSpan® Drywall Framing perfect for use in corridors, small room configurations, restrooms, and storage closets.

Armstrong systems provide superior performance when compared to traditional methods. Our pre-engineered systems are tested for fit and finish and are engineered to be code compliant. When you specify Armstrong, you’re assured a top quality product that reduces risk.

DRYWALL Grid Systems

**Code Compliance You Can Trust**

Meets:
- ASTM C635
- ASTM C841
- ASTM C926
- ASTM C636
- ASTM C754
- ASTM C840
- ASTM C842
- ASTM C645 requirement for minimum metal thickness to .0179” for screw pullout
- ICC-ES: ESR-2311 Evaluation of Code Compliance
- ICC-ES: ESR-1289 Evaluation of Code Compliance
- IAPMO: ER-163: Evaluation of Code Compliance
- Department of State Architect – DSA PA105
- City of LA – RR 5348
- 26 UL Fire Resistant Designs

**Performance**

- PeakForm® Eliminate hanger wires for spans up to 8’ – 6"
- Select items available in High Recycled Content (HRC): 61% Total Recycled Content, 53% Post Consumer Content, 8% Pre-Consumer Content
- Non-HRC items have 30% recycled content
- Components meet broad range of UL design assemblies (ShortSpan® Tee, LAM, SB12)

For more information, call 877 276-7876
G40, 0.018" metal thickness meets ASTM C645
G90 hot dipped galvanized coating available for interior high moisture areas.
ScrewStop™ reverse hem prevents screw spin off
Rotary stitching on double web adds strength and stability
Deep knurled surface for easy screw insertion
### ShortSpan Item Details

<table>
<thead>
<tr>
<th>Item Number</th>
<th>Length/Item Description</th>
<th>Face Dimension</th>
<th>Profile Height</th>
<th>Simple Span Uniform Load at L/240 (lbs./LF)</th>
<th>Fire Resistive</th>
</tr>
</thead>
<tbody>
<tr>
<td>S7708P</td>
<td>8' ShortSpan Tee</td>
<td>1-1/2&quot;</td>
<td>1-13/16&quot;</td>
<td>All Items:</td>
<td></td>
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<tr>
<td>S7710P</td>
<td>10' ShortSpan Tee</td>
<td>1-1/2&quot;</td>
<td>1-13/16&quot;</td>
<td>Sft. Span – 14.18</td>
<td></td>
</tr>
<tr>
<td>S7712P</td>
<td>12' ShortSpan Tee</td>
<td>1-1/2&quot;</td>
<td>1-13/16&quot;</td>
<td>6ft. Span – 10.49</td>
<td></td>
</tr>
<tr>
<td>S7714P</td>
<td>14' ShortSpan Tee</td>
<td>1-1/2&quot;</td>
<td>1-13/16&quot;</td>
<td></td>
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</tr>
<tr>
<td>KAM10</td>
<td>10' Knurled Angle Mold</td>
<td>1-1/4&quot; x 1-1/4&quot;</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>KAM12</td>
<td>12' Knurled Angle Mold</td>
<td>1-1/4&quot; x 1-1/4&quot;</td>
<td></td>
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<td></td>
</tr>
<tr>
<td>KAM12G90</td>
<td>12' Knurled Angle Mold</td>
<td>1-1/4&quot; x 1-1/4&quot;</td>
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<tr>
<td>KAM1510</td>
<td>10' Knurled Angle Mold</td>
<td>1-1/2&quot; x 1-1/2&quot;</td>
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<tr>
<td>KAM1512</td>
<td>12' Knurled Angle Mold</td>
<td>1-1/2&quot; x 1-1/2&quot;</td>
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<tr>
<td>KAM151020EQ</td>
<td>10' Knurled Angle Mold</td>
<td>1-1/2&quot; x 1-1/2&quot;</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>LAM12</td>
<td>12' Locking Angle Mold</td>
<td>1-1/4&quot; x 1-1/4&quot;</td>
<td></td>
<td></td>
<td></td>
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<tr>
<td>LAM151220EQ</td>
<td>12' Locking Angle Mold</td>
<td>1-1/2&quot; x 1-1/2&quot;</td>
<td></td>
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<tr>
<td>LCM12</td>
<td>12' Locking Channel</td>
<td>1-3/4&quot;</td>
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<td></td>
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</tr>
<tr>
<td></td>
<td>Molding</td>
<td>Face</td>
<td>1-3/4&quot; Top</td>
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<td></td>
</tr>
<tr>
<td></td>
<td>0.016&quot; Metal Thickness</td>
<td>Flange</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>SB12P</td>
<td>12' StrongBack™ Support</td>
<td></td>
<td>2&quot;</td>
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<tr>
<td>QSLPM12</td>
<td>12' QuikStix™ Locking</td>
<td>1-1/2&quot;</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Pocket Main (Locking</td>
<td></td>
<td>1-1/2&quot;</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>tabs 8&quot; O.C.) 0.018&quot;</td>
<td></td>
<td>Vertical Supports @ 4&quot; O.C. - 21.64</td>
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<tr>
<td></td>
<td>Metal Thickness</td>
<td></td>
<td>Vertical Supports @ 3&quot; O.C. - 40.60</td>
<td></td>
<td></td>
</tr>
<tr>
<td>QSLPM12</td>
<td>12' QuikStix™ Locking</td>
<td>1-1/2&quot;</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Pocket Main (Locking</td>
<td></td>
<td>4' Span - 3.79</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>tabs 8&quot; O.C.) 0.018&quot;</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>QUTC</td>
<td>QuikStix Uptight Clip</td>
<td>1-3/4&quot; wide</td>
<td>1-1/2&quot; x 4/1/2&quot;</td>
<td></td>
<td></td>
</tr>
<tr>
<td>QS612</td>
<td>12' QuikStix™ Soffits</td>
<td>1-1/2&quot;</td>
<td></td>
<td></td>
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<tr>
<td>QS812</td>
<td>12' QuikStix™ Soffits</td>
<td>1-1/2&quot;</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**NOTE:** All components are available with G90 hot dipped galvanized coating. Just add G90 suffix to end of Item #, Ex: LAM12G90.

“P” at the end of Item numbers means PeakForm bulb.
# COMPONENTS AND MOLDINGS

## SHORTSPAN ITEM DETAILS

**Drywall Transitions Molding**

Material: Commercial-quality, cold rolled, hot dipped galvanized steel

<table>
<thead>
<tr>
<th>Item Number</th>
<th>Length/Item Description</th>
<th>Face Dimension</th>
<th>Flange</th>
<th>Profile Height</th>
</tr>
</thead>
<tbody>
<tr>
<td>7901</td>
<td>120” Shadow Reveal Molding</td>
<td>3/8” shadow reveal</td>
<td>9/16”</td>
<td>1-1/4”</td>
</tr>
<tr>
<td>7902</td>
<td>120” Shadow Reveal Molding</td>
<td>3/8” shadow reveal</td>
<td>15/16”</td>
<td>1-1/4”</td>
</tr>
<tr>
<td>7903</td>
<td>120” Inverted T Molding</td>
<td>1” Inverted T</td>
<td>–</td>
<td>1-1/2”</td>
</tr>
<tr>
<td>7904</td>
<td>120”, 15/16” Flush Transition Molding</td>
<td>15/16” horizontal</td>
<td>15/16”</td>
<td>1-1/4”</td>
</tr>
<tr>
<td>7905</td>
<td>120”, 9/16” Flush Transition Molding</td>
<td>9/16” horizontal</td>
<td>9/16”</td>
<td>1-1/4”</td>
</tr>
<tr>
<td>7906</td>
<td>120”, “F” Vertical Transition Molding</td>
<td>120” vertical transition</td>
<td>1/2”</td>
<td>1-7/16”</td>
</tr>
<tr>
<td>7907</td>
<td>120”, 9/16” Tegular Transition Molding</td>
<td>9/16” horizontal</td>
<td>9/16”</td>
<td>1-1/4”</td>
</tr>
<tr>
<td>7908</td>
<td>120”, 15/16” Tegular Transition Molding</td>
<td>1” Inverted T</td>
<td>15/16”</td>
<td>1-1/4”</td>
</tr>
<tr>
<td>7909</td>
<td>15/16” 1” Step Transition Molding</td>
<td>15/16” horizontal</td>
<td>15/16”</td>
<td>1-7/8”</td>
</tr>
<tr>
<td>7910</td>
<td>9/16” 1” Step Transition Molding</td>
<td>9/16” horizontal</td>
<td>9/16”</td>
<td>1-7/8”</td>
</tr>
<tr>
<td>7911</td>
<td>9/16” Shadow Reveal Transition Molding</td>
<td>3/8” x 1/4” shadow reveal</td>
<td>9/16”</td>
<td>1-1/8”</td>
</tr>
<tr>
<td>7912</td>
<td>15/16” Shadow Reveal Transition Molding</td>
<td>3/8” x 1/4” shadow reveal</td>
<td>15/16”</td>
<td>1-1/4”</td>
</tr>
</tbody>
</table>
SHORTSPAN®
FRAMING SYSTEM –
INTERIOR DRYWALL CEILINGS

THE BEST CHOICE FOR FRAMING SHORT SPANS

<table>
<thead>
<tr>
<th>Reduce Labor Cost:</th>
<th>Eliminates screws, cross tees and hanger wire (in most applications)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Reduce Material Cost:</td>
<td>Economical price point on components</td>
</tr>
<tr>
<td>Reduce Waste:</td>
<td>Standard and custom lengths — and there are no cartons to throw away</td>
</tr>
<tr>
<td>Reduce Risk:</td>
<td>System was evaluated using full scale seismic testing and may be an acceptable solution on your next project. Check with your local code official for approval prior to installations. For official test reports, please contact TechLine at 877 276 7876.</td>
</tr>
</tbody>
</table>

SHORTSPAN FRAMING TEES ARE ENGINEERED FOR FASTER, EASIER INSTALLATION

- 1-1/2” wide face exceeds the minimum industry standard
- ScrewStop™ reverse hem prevents screw spin-off
- Balanced profile stays flat during installation
- Rotary stitching on double web adds strength and stability
- Deep knurled surface for easy screw insertion
- G40, .018” metal thickness meets ASTM C645

Crimped area (for easy application of Strongback)
Rotary stitch
Knurled surface
Screwstop (prevents screw slippage)

2” x 2”

Traditional Method to Frame Short Spans

- Reduced clean-up and waste at jobsite
- Quick to open
- Chop saw to length

NO CARDBOARD CARTONS

ShortSpan Framing and Locking Angle Molding make drywall framing faster and easier

Corridor framing using traditional steel studs
SHORTSPAN®
STRONGBACK™ SUPPORT

EASIER, PRE-ENGINEERED SOLUTION TO SUPPORT SPANS UP TO 8’ – 6”

- Knockouts 8” O.C. eliminates measuring, screwing, and splicing
- Allows vertical supports at 4’ O.C. instead of 24” or 16”
- Reduces lateral movement
- Resists upward movement if used with vertical tee post or stud
- Easier to level system compared to traditional framing

StrongBack™ support installed mid-span with vertical post at 4’ O.C.

INSTALLATION RECOMMENDATIONS

1 Install Locking Angle Molding (LAM12) on walls
2 Lock in ShortSpan tees (S77XXP) into LAM12
3 Flattened bulb allows StrongBack to slide over bulb
4 Slide StrongBack into place – no bending of tab required

ALTERNATIVE METHOD TO INSTALL STRONGBACK

1 Open StrongBack (SB12P) lock tabs with pliers (easier if performed on floor)
2 Slide StrongBack over bulb of ShortSpan tee and engage by bending lock tabs back to original position
3 Support and level system to structure; attach vertical supports to StrongBack as required
4 To provide stability to StrongBack, it is recommended to bend first 4” to 90° and pin to wall
**SHORTSPAN® CORRIDOR SYSTEM**

**TIME SAVING SOLUTION FOR CONGESTED PLENUM INSTALLATIONS**

- Eliminates the need for hanger wire
- Gussets and mounting rail provide alternative method of grid attachment when straight drops for hanger wire are not possible
- Reduced labor costs over conventional installation methods in congested plenum
- Alignment crimps at locking tabs for fast, easy alignment

---

**Load Test Data**

<table>
<thead>
<tr>
<th>ShortSpan Cross Tees</th>
<th>Web Height</th>
<th>3'</th>
<th>4'</th>
<th>5'</th>
<th>6'</th>
<th>7'</th>
<th>7'-6&quot;</th>
<th>8'</th>
<th>8'-6&quot;</th>
</tr>
</thead>
<tbody>
<tr>
<td>S77**P</td>
<td>1-13/16&quot;</td>
<td>31.76</td>
<td>14.18</td>
<td>10.49</td>
<td>5.84</td>
<td>5.54</td>
<td>4.43</td>
<td>3.37</td>
<td></td>
</tr>
</tbody>
</table>

QuikStix Locking Pocket Main

<table>
<thead>
<tr>
<th>O.C. Spacing</th>
<th>3'</th>
<th>4'</th>
<th>5'</th>
<th>6'</th>
<th>7'</th>
<th>7'-6&quot;</th>
<th>8'</th>
<th>8'-6&quot;</th>
</tr>
</thead>
<tbody>
<tr>
<td>1/2&quot;</td>
<td>40.60</td>
<td>20.87</td>
<td>–</td>
<td>–</td>
<td>–</td>
<td>–</td>
<td>–</td>
<td>–</td>
</tr>
</tbody>
</table>

StrongBack Support Hanger

<table>
<thead>
<tr>
<th>O.C. Spacing</th>
<th>3'</th>
<th>4'</th>
<th>5'</th>
<th>6'</th>
<th>7'</th>
<th>7'-6&quot;</th>
<th>8'</th>
<th>8'-6&quot;</th>
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<tbody>
<tr>
<td>2&quot;</td>
<td>27.53</td>
<td>17.76</td>
<td>–</td>
<td>–</td>
<td>–</td>
<td>–</td>
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</table>

**Maximum Load Test Data in Lbs./SF - L/240**

<table>
<thead>
<tr>
<th>Item Number</th>
<th>4' Span Lbs./SF</th>
<th>5' Span Lbs./SF</th>
<th>6' Span Lbs./SF</th>
<th>7' Span Lbs./SF</th>
<th>7'-6&quot; Span Lbs./SF</th>
<th>8' Span Lbs./SF</th>
<th>8'-6&quot; Span Lbs./SF</th>
<th>10'-14&quot; Span Lbs./SF</th>
</tr>
</thead>
<tbody>
<tr>
<td>S77**P</td>
<td>23.82</td>
<td>10.64</td>
<td>7.87</td>
<td>4.38</td>
<td>4.16</td>
<td>3.32</td>
<td>2.53</td>
<td>10.64</td>
</tr>
<tr>
<td>S77**P</td>
<td>15.88</td>
<td>7.09</td>
<td>5.25</td>
<td>2.92</td>
<td>2.77</td>
<td>2.22</td>
<td>1.69</td>
<td>7.09</td>
</tr>
</tbody>
</table>

**NOTES:**

- 5/8" drywall weighs 2.4 lbs./SF (tees installed 16" or 24" O.C.)
- 1/2" drywall weighs 2.0 lbs./SF (tees installed 16" O.C. only)

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**Intersecting Corridors, ShortSpan, I-Beam Girder**

<table>
<thead>
<tr>
<th>I-Beam Span (A)</th>
<th>4'</th>
<th>5'</th>
<th>6'</th>
<th>7'</th>
<th>8'</th>
<th>8'-6&quot;</th>
</tr>
</thead>
<tbody>
<tr>
<td>6'</td>
<td>5.00+</td>
<td>5.00+</td>
<td>5.00+</td>
<td>4.57</td>
<td>4.35</td>
<td></td>
</tr>
<tr>
<td>7'</td>
<td>5.00</td>
<td>4.29</td>
<td>3.75</td>
<td>3.33</td>
<td>3.00</td>
<td>2.86</td>
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<tr>
<td>7'-6&quot;</td>
<td>4.33</td>
<td>3.71</td>
<td>3.25</td>
<td>2.89</td>
<td>2.60</td>
<td>2.48</td>
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<tr>
<td>8'</td>
<td>3.82</td>
<td>3.28</td>
<td>2.87</td>
<td>2.55</td>
<td>–</td>
<td>–</td>
</tr>
<tr>
<td>8'-6&quot;</td>
<td>3.00</td>
<td>2.57</td>
<td>–</td>
<td>–</td>
<td>–</td>
<td>–</td>
</tr>
</tbody>
</table>

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For more information, call 877 276-7876
ShortSpan:

1. ShortSpan tees **must** be cut within 1/8" of the vertical leg of the Locking Angle Moldings (for non-rated installations only).

2. **Must** screw LAM to wall structure (#8 x 1-1/4" wafer head self drill sheet metal screws tested in 25- and 20- gauge steel studs).

   Assembly tested to 200 lbs. for shear and screw pullout without failure (refer to Maximum Load chart on page 11)

3. Insert right hand flange of tee into pocket "A" first and allow left flange to clear pocket "B" and rest on angle molding. Slide tee to the left to engage in pocket "B" (audible click)

**No Additional Requirements For Seismic Areas**

There's no need to screw ShortSpan Tees to Locking Angle Molding in Seismic Design Categories A-F (unless required by local code).

*Patent Pending*
Locking Angle Molding:

- A Faster, More Accurate Solution

**Fire Rated**

Fire Rated: up to 2-hour rating with one (1) layer of fire-rated gypsum board.

**Moldings**

- Pre-engineered locking tabs punched 8" O.C.:
  - Eliminates measuring 16" or 24"
  - Locking tabs prevent lateral and upward movement
  - Eliminates screws, pop rivets, or crimpers needed to attach tees to molding
- Knurled surface on both flanges
- ScrewStop™ reverse hem prevents screw spin-off and provides safer handling
- Alignment crimp at locking tabs for fast, easy alignment
- Locking Angle Molding is designed to only work with Armstrong ShortSpan products

**NOTE:**
For complete installation details
See specific UL designs.
Space StrongBack™ 12-3/8" from wall
(Use wood shim to center)

ShortSpan tee engaged in Locking Angle Molding
Knurled Angle Molding (KAM) for Drywall Framing has the time saving advantages of knurling, ScrewStop™, pre-punched holes, and no cartons to throw away.

**Knurling:** Helps the screws to grab quickly

**ScrewStop:** A reverse hem on the top and bottom flanges will catch the screw and prevent it from slipping off the wall angle. No sharp edges on the top or bottom of the angle.

**Pre-punched Holes:** Located on the top edge to allow for faster insertion of the screws.

**No Carton Packaging:** Eliminate time needed to open and throw away cartons. Just cut the plastic strap and go.

- Available with a 1-1/4", 1-1/2" or 2" face to meet your specific need
- 2" KAM is available in 0.030", 0.027", and 0.018" metal thickness
- 1-1/2" KAM is available in 0.030", 0.027", and 0.018" metal thickness
- 1-1/2" KAM is available in 10' or 12' lengths
- 1-1/4" KAM is available in 10' or 12' lengths
- Top and bottom flanges are hemmed for easy handling, unlike the sharp flanges on competitor moldings
- ScrewStop reverse hem catches screws, preventing them from slipping off the wall angle
- Pre-punched holes on the top edge (4" O.C.) allow for faster screw insertion
• Reduces time and labor installing drywall ceilings in tight plenum conditions
• Uptight clip allows installation in 1-1/2" to 5-1/2" plenums
• Locking Pocket Main has the same characteristics as StrongBack™
• Locking Pocket Main allows uptight installation since it is installed at the same level as the ShortSpan tees
• ShortSpan-Tees can span up to 8'-6" without vertical support (16" O.C.)
• Locking Angle Mold eliminates measuring, marking and screwing at perimeters

*Patent Pending

Maximum Load in Lbs/SF (L/240 per ASTM C645)

<table>
<thead>
<tr>
<th>Main Beam O.C. Spacing</th>
<th>Vertical Support (Tee Post, Hanger Wire, or OSUTC) Spacing Along Main Beam</th>
<th>Max Load in Lbs/SF</th>
</tr>
</thead>
<tbody>
<tr>
<td>QSLPM12 – 4' O.C.</td>
<td>4'</td>
<td>5.22</td>
</tr>
<tr>
<td>QSLPM12 – 5' O.C.</td>
<td>4'</td>
<td>4.17</td>
</tr>
<tr>
<td>QSLPM12 – 6' O.C.</td>
<td>4'</td>
<td>3.48</td>
</tr>
<tr>
<td>QSLPM12 – 7' O.C.</td>
<td>4'</td>
<td>2.98</td>
</tr>
<tr>
<td>QSLPM12 – 7 6/8 O.C.</td>
<td>4'</td>
<td>2.78</td>
</tr>
<tr>
<td>QSLPM12 – 8' O.C.</td>
<td>4'</td>
<td>2.61</td>
</tr>
<tr>
<td>QSLPM12 – 8 6/8 O.C.</td>
<td>4'</td>
<td>2.46</td>
</tr>
</tbody>
</table>

NOTE: 5/8" drywall weighs 2.4 lbs/SF or less
1/2" drywall weighs 2.0 lbs/SF or less
Fixtures should be independently supported
*For other combinations; consult TechLine at 877 276-7876

INSTALLATION RECOMMENDATIONS

1 Vertical supports to structure should be either QuikStix Uptight Clips or stiff legs using scrap metal. Wire is NOT recommended for hanging this system.

2 ShortSpan tees must be cut within 1/8" of vertical leg of the Locking Angle Moldings and Locking Pocket Mains.

3 To engage ShortSpan tees into Locking Pockets: insert right hand flange of tee into long pocket first and allow left flange to clear short pocket; rest flat. Slide tee to the left to engage in short pocket (audible click).
QUIKSTIX
SOFFITS

REDUCES TIME AND LABOR WHEN INSTALLING VERTICAL DROPS

- Knockouts at 6" or 8" centers reduces cutting time
- Alignment holes make screw installation simple and forms perfect 30°, 45°, 60°, 75° and 90° angles
- Flattened bulb to allow true angles without interference; bending crimp prevents misalignment
- 90-degree angle fits Locking Angle Molding (LAM12)
- Rout holes 6"(QS612) and 8"(QS812) O.C. allows use of XL8926, XL7936, XL8945P or XL8965 cross tees for 2', 3', 4', or 6' section spans

90 DEGREE DROP SOFFIT

- Use Snips to Make two Cuts (About 1/4" Apart) at Knockout Before Bending
- Flattened Bulb is Offset to allow clearance When Bending
- Line Up Angle Holes With Clearance Hole
- 90° Angle Bend Upward At Crimp After Cutting Knockout
- NOTE: Use #6 Framing Screw, screw through clearance hole, then through angle hole

For more information, call 877 276-7876
NOTE: Use two (2) framing screws

Maximum System Load for QuikStix Soffit (6” and 8” O.C) in Lbs./SF* (L/240 per ASTM C645)

<table>
<thead>
<tr>
<th>Horizontal QuikStix Soffit Span</th>
<th>16”</th>
<th>24”</th>
<th>32”</th>
<th>36”</th>
<th>48”</th>
</tr>
</thead>
<tbody>
<tr>
<td>16” O.C.</td>
<td></td>
<td></td>
<td></td>
<td>5.30 (Lbs/SF)</td>
<td>2.84 (Lbs/SF)</td>
</tr>
<tr>
<td>24” O.C.</td>
<td></td>
<td>10.65 (Lbs/SF)</td>
<td>7.92 (Lbs/SF)</td>
<td>5.46 (Lbs/SF)</td>
<td>3.53 (Lbs/SF)</td>
</tr>
<tr>
<td>36” O.C.</td>
<td></td>
<td>7.10 (Lbs/SF)</td>
<td>5.28 (Lbs/SF)</td>
<td>3.64 (Lbs/SF)</td>
<td>**</td>
</tr>
<tr>
<td>48” O.C.</td>
<td></td>
<td>5.34 (Lbs/SF)</td>
<td>3.96 (Lbs/SF)</td>
<td>2.73 (Lbs/SF)</td>
<td>**</td>
</tr>
<tr>
<td>72” O.C.</td>
<td></td>
<td>3.55 (Lbs/SF)</td>
<td>2.64 (Lbs/SF)</td>
<td>**</td>
<td>**</td>
</tr>
</tbody>
</table>

NOTE: Cross Tees are installed 12” or 16” O.C.
* All data obtained from actual Load Testing except for 32” span column. This column has a 1.2 Safety Factor built into it.
** Additional support required
QuikStix Box Drop Height Limitation Table (H)

<table>
<thead>
<tr>
<th>QuikStix Width (W)</th>
<th>32&quot;</th>
<th>36&quot;</th>
<th>40&quot;</th>
<th>48&quot;</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>9'-9&quot;</td>
<td>8'-6&quot;</td>
<td>7'</td>
<td>4'-6&quot;</td>
</tr>
<tr>
<td>2</td>
<td>9'-3&quot;</td>
<td>8'</td>
<td>6'-6&quot;</td>
<td>4'</td>
</tr>
<tr>
<td>3</td>
<td>8'-9&quot;</td>
<td>7'-6&quot;</td>
<td>6'</td>
<td>3'-6&quot;</td>
</tr>
<tr>
<td>4</td>
<td>8'-3&quot;</td>
<td>7&quot;</td>
<td>5'-6&quot;</td>
<td>3&quot;</td>
</tr>
</tbody>
</table>

NOTE: Additional bracing may be required.

DRYWALL STEP VERTICAL
## ShortSpan Vertical Support Requirements

| Tees installed 16” O.C. with 5/8” or 1/2” drywall (Seismic Design Categories A, B, C, D, E,F) |  |
| Up to 8’-6” span | No vertical support required |
| 8’-6” to 17’-0” span | Mid-span vertical support required |

### Load and Vertical Supports

| Tees installed 24” O.C. with 5/8” drywall (Seismic Design Categories A, B, C, D, E, F) |
| Up to 7’-6” span | No vertical support required |
| 7’-6” to 15’-0” span | Mid-span vertical support required |

## Vertical Support Options

- Hanger Wire
- Scrap Tee Post
- Manufactured StrongBack
- Field Assembled Support
- QuikStix Uplift Clip
**FIXTURE INSTALLATION**

Pan Head Screw required when tee does not line up with locking tab.

- **Tee Locked into LAM12**
  - 1-1/4" Opening
  - 2' x 2' Type F Light Fixture

- **Adjust Placement of Tee to Accept Opening of 2' x 2' Type F Light Fixture (Cut and Screw)**

- **Tee Positioned 1-1/4" to the right to allow opening for Type F Light Fixture**

Pan Head Screw required when tee does not line up with locking tab.

- **Tee Locked into LAM-12**
  - 1-1/4" Opening
  - 2' x 2' Light Fixture

- **ShortSpan Framing Tee**

- **Tee positioned 1-1/4" to the right to allow opening for the Type F light fixture**

**FIELD ASSEMBLED STIFF BACK**

- **4' O.C. CAT D,E,F = 3' O.C.**

- **LAM-12 or KAM-12 Must be securely attached to wall**

- **Vertical Support**

- **8'-6" ShortSpan Tee - 16" O.C.**

- **8'-6" ShortSpan Tee - 16" O.C.**

- **1'-4"**

- **LAM-12 or KAM-12 Must be securely attached to wall**

**DRYWALL LINEAR LIGHTING**

- **LCBDGS4 Connector Bracket install 2' from each end and 4' O.C.**

- **Hanger Wire**

- **DGS Main Beam**

- **DGS Cross Tee**

- **Taping Flange**

- **DGSLL Aluminum Extrusion**

**NOTE:** Refer to the Drywall Linear Lighting Data Page (BPCS-5367) to view full details.

18 For more information, call 877 276-7876
NOTE: Refer to the QuikStix Soffits Data Page (BPCS-3818) or Drywall Grid System – Flat Ceilings Data Page (BPCS-3081) to view full details.
INTEGRATED
SOLUTIONS

TRANSITIONS

Flush Steel Transition

Hanger Wire to Structure
Exposed Tee Grid
KAM-12
Drywall Grid

Acoustical Lay-in
1-1/4" Drywall Screw

9/16" Tegular Transition Molding

2" Axiom® Transition – Elevation Change (Available 1" – 10")

Hanger Wire to Structure

Exposed Tee Grid
Prelude Main Beam
Prelude Cross Tee

Acoustical Lay-in Panel

2" Axiom Transition Trim – AXTR2STR

5/8" Gypsum Board

Axiom® Flush Transition

15/16" Acoustical Grid

AXTBC

Hanger Wire to Structure

Drywall Grid

1-1/4" Drywall Screw

F-Molding Transition

Exposed Tee Grid

5/8" Gypsum Board

NOTE: Vertical return up to 48"

1-1/4" Drywall Screw

"F" Molding (Tape, sand, mud, and paint)

Attach Grid Via XTAC or Pop Rivet

5/8" Gypsum Board

Steel Transition – 1” Step

Exposed Tee Grid

KAM-12

Drywall Grid

15/16" Transition Molding with 1” Drop (Tape, sand, mud, and paint)

Drywall Screw

5/8" Gypsum Board

NOTE: Refer to the Transition Moldings Data Page (BPCS-4307) and Axiom Transitions Data Page (BPCS-3530) to view full details.
Axiom® Direct Light Cove

Wall Attachment Clip AXPWCCP2

AXDLC44 4” x 4” Cove

Hanger Wire to Structure

AX2HGC

Hold Down Clip AX-SPT-HDC

Drywall Grid

4”

1-5/8”

4-1/2”

Finished Wall

Axiom® Indirect Light Cove – Ceiling-to-Ceiling Knife Edge

Hanger Wire to Structure

Armstrong Acoustical Grid

AXTBC

Armstrong Acoustical Panel

8”

12”

4”

5-1/8”

6” Max

1’- 11/16”

Hanger Wire to Structure

Plenum Air Return Slots

Armstrong Acoustical Grid

Drywall Light Cove

Armstrong Drywall Grid System

AXCCLT45

#12 Hanger Wire

Channel Molding

5/8” Gypsum Board

Armstrong Drywall Grid System

Light Fixture by Others

Armstrong Drywall Grid System

Channel Molding

Gypsum Board

Armstrong Exposed Tee

KAM–12

5/8” Gypsum Board

NOTE: Refer to the Axiom Direct Light Coves Data Page (BPCS-5065) and Drywall Grid System – Light Coves Data Page (BPCS-3081) to view full details.
NOTE: Refer to the Axiom Building Perimeter Shade Pockets Data Page (BPCS-3923) and Axiom Building Perimeter Shade Pockets – Lutron® compatible Data Page (BPCS-5159) to view full details.
877 276-7876
Customer Service Representatives
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Monday through Friday

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