**KEY SELECTION ATTRIBUTES**

Armstrong® Drywall Grid is 3x faster than traditional track and channel framing – saving you time and labor.
- Some components available in High Recycled Content (HRC): Total Recycled Content 61%, Post-consumer 53%, Pre-consumer 8%
- Non-HRC items have 30% recycled content
- PeakForm® patented 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 and relocate
- HD8906IC main beam accepts integral Impact Isolation Clips (IIC) to provide up to eight points of IC improvement.
- ScrewStop™ reverse hem prevents screw spin off on 1-1/2" wide face
- Rotary-stitched during manufacture by a patented method for additional torsional strength and extra stability during installation
- HD8906 (HRC) main beams and cross tees with extra routings for Type F light fixtures
- Minimum G40 hot dipped galvanized coating, per ASTM C645; provides superior corrosion resistance
- Wind uplift construction available
- XL® (staked-on end detail) cross tees provide secure locked connection, fast and easy to install
- All drywall components minimum .018" steel thickness; complies with ASTM C645
- Accommodates stud, track, hat channel, wood, or other supplemental framing
- Fire Guard™ components meet broad range of UL® design assemblies (XL7936G90 is not fire rated)
- 10-Year Limited System Warranty
- 30-Year Limited Ceiling Systems Warranty
- G90 hot dipped galvanized coating is available for exterior applications (HD8906G90, XL8945PG90, XL8947PG90, XL8965G90, XL8925G90, XL7936G90)

**TYPICAL APPLICATIONS**

- Indoor/outdoor applications
- Sofits/special transitions
- High visibility areas
- Combination drywall and acoustical panel or tile ceilings
- Barrel vaults and domes
- Wet installations (stucco/plaster)

**FIRE RESISTANCE RATING**


NOTE: See UL Directory for details on specific designs.

**MATERIALS**


**VISUAL SELECTION**

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**MATERIALS**


**VISUAL SELECTION**

**Item No.**

**Description**

**Dimensions**

**Rout Spacing**

**Hanger Spacing**

(Lbs./Lin. Ft.)

<table>
<thead>
<tr>
<th>L/240</th>
<th>L/240</th>
<th>L/240</th>
<th>L/360</th>
<th>L/360</th>
<th>L/360</th>
<th>L/360</th>
</tr>
</thead>
<tbody>
<tr>
<td>2 Ft.</td>
<td>3 Ft.</td>
<td>4 Ft.</td>
<td>2 Ft.</td>
<td>3 Ft.</td>
<td>4 Ft.</td>
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<tr>
<td>143.0</td>
<td>57.3</td>
<td>28.14</td>
<td>95.5</td>
<td>43.19</td>
<td>18.66</td>
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<table>
<thead>
<tr>
<th>Load Total Data**</th>
<th>Load Total Data**</th>
</tr>
</thead>
<tbody>
<tr>
<td>(Lbs./Lin. Ft.)</td>
<td>(Kg./Lin. M.)</td>
</tr>
<tr>
<td>L/240</td>
<td>L/240</td>
</tr>
<tr>
<td>6.87 @ 6&quot;</td>
<td>4.58 @ 6&quot;</td>
</tr>
<tr>
<td>19.5 @ 50&quot;</td>
<td>12.79 @ 50&quot;</td>
</tr>
<tr>
<td>22.5 @ 4’</td>
<td>14.27 @ 4’</td>
</tr>
<tr>
<td>36.22 @ 40’</td>
<td>24.15 @ 40’</td>
</tr>
<tr>
<td>50.0 @ 3’</td>
<td>31.33 @ 3’</td>
</tr>
<tr>
<td>158.0 @ 2’</td>
<td>90.25 @ 2’</td>
</tr>
</tbody>
</table>

* NOTE: All load test data based on flat installation per ASTM C635.

** For fire-rated assemblies, use Type C gypsum board as noted in the UL® fire-rated assembly designs.

† Type F future compatible

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## DRYWALL/STUCCO/PLASTER – Flat Ceilings
### Suspension Systems

### VISUAL SELECTION

<table>
<thead>
<tr>
<th>Item Number</th>
<th>Face Flange</th>
<th>Description</th>
<th>Dimensions (Inches)</th>
<th>Packaging Pcs.</th>
<th>Lin. Ft.</th>
</tr>
</thead>
<tbody>
<tr>
<td>7858</td>
<td>15/16&quot;</td>
<td>12’ Reverse angle molding</td>
<td>144 x 9/16 x 15/16&quot;</td>
<td>20</td>
<td>240</td>
</tr>
<tr>
<td>LAM12</td>
<td>1-1/4&quot;</td>
<td>12’ Nominal locking angle molding, locking tabs 8’ on center, starting 4” from each end</td>
<td>144 x 1-1/4 x 1-1/4&quot;</td>
<td>10</td>
<td>240</td>
</tr>
<tr>
<td>LAM12HRC</td>
<td>1-1/4&quot;</td>
<td>12’ Nominal locking angle molding, locking tabs 8” on center, starting 4” from each end</td>
<td>144 x 1-1/4 x 1-1/4&quot;</td>
<td>10</td>
<td>240</td>
</tr>
<tr>
<td>KAM10</td>
<td>1-1/4&quot;</td>
<td>10’ Knurled Angle Molding – (.018 metal thickness)</td>
<td>120 x 1-1/4 x 1-1/4&quot;</td>
<td>10</td>
<td>120</td>
</tr>
<tr>
<td>KAM12</td>
<td>1-1/2&quot;</td>
<td>10’ Knurled Angle Molding – (.018 metal thickness)</td>
<td>120 x 1-1/2 x 1-1/2&quot;</td>
<td>10</td>
<td>120</td>
</tr>
<tr>
<td>KAM12G90</td>
<td>1-1/4&quot;</td>
<td>12’ Knurled Angle Molding – G90 galvanized steel coating (.018 metal thickness)</td>
<td>144 x 1-1/4 x 1-1/4&quot;</td>
<td>10</td>
<td>120</td>
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<tr>
<td>KAM12HRC</td>
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<td>12’ Knurled Angle Molding – High Recycled Content (.018 metal thickness)</td>
<td>144 x 1-1/4 x 1-1/4&quot;</td>
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<td>KAM1510</td>
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<tr>
<td>KAM1512</td>
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<td>12’ Knurled Angle Molding – (.018 metal thickness)</td>
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<td>120</td>
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<tr>
<td>KAM151220E</td>
<td>1-1/2&quot;</td>
<td>12’ Knurled Angle Molding – (.028 metal thickness)</td>
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<td>120</td>
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<tr>
<td>KAM151220</td>
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<td>12’ Knurled Angle Molding – (.033 metal thickness)</td>
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<tr>
<td>KAM151020</td>
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<td>10’ Knurled Angle Molding – G90 galvanized steel coating (.033 metal thickness)</td>
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<td>120</td>
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<tr>
<td>KAM21025</td>
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<tr>
<td>KAM21020EQ</td>
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<td>120</td>
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<tr>
<td>KAM21020</td>
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<td>10’ Knurled Angle Molding – (.033 metal thickness)</td>
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<td>120</td>
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<tr>
<td>KAM12HRC</td>
<td>1-1/4&quot;</td>
<td>12’ Knurled Angle Molding – (.018 metal thickness)</td>
<td>144 x 1-1/4 x 1-1/4&quot;</td>
<td>10</td>
<td>120</td>
</tr>
</tbody>
</table>

.018” metal thickness meets ASTM C645 for framing

### Seismic Performance

Seismic loading: ICC Evaluation Service, Inc., ESR-1289
1997 Uniform Building Code, Continuous Membrane, One Level;

<table>
<thead>
<tr>
<th>Main Beams</th>
<th>Minimum Lbs. To Pull Out Compression/Tension</th>
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<tbody>
<tr>
<td>HD8906/HD890610 / HD8906HRC</td>
<td>332.3</td>
</tr>
<tr>
<td>HD8906HRC</td>
<td>332.3</td>
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### Cross Tees

<table>
<thead>
<tr>
<th>Cross Tees</th>
<th>Minimum Lbs. To Pull Out Compression/Tension</th>
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</thead>
<tbody>
<tr>
<td>XL7196, 7196G90, 7196G90G90, 7196G90G90G90</td>
<td>380.1</td>
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</tbody>
</table>

### ICC Reports

For areas under ICC jurisdiction, see ICC evaluation report number ESR-1289 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.
For fixture weight and UL listings, see Drywall Grid Systems for Flat Applications Technical Guide BPCS-3539.

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BPCS-3081-319

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