# SILHOUETTE® XL® 1/4" Reveal

## Slotted Tee Suspension System

SUSTAIN™
High Performance
Sustainable
Ceiling Systems

SUSPENSION SYSTEMS – Standard



Silhouette 1/4" reveal suspension system

**Sophisticated slotted 9/16" suspension system with a narrow 1/4" reveal.**

### KEY SELECTION ATTRIBUTES

- **Seismic Rx®** Suspension System saves time and money; offer an ICC-ES approach to installations (ESR-1308)
- Part of Sustain™ portfolio; meets most stringent industry sustainability compliance standards today
- Rotary-stitched during manufacture for additional torsional strength and extra stability during installation; maintains size and shape of reveal when cutting perimeter cross tees
- CleanAssure™ family of products – includes disinfectable panels, suspension systems, and trim (Cleaning and CDC-approved disinfecting options available on armstrongceilings.com/cleaning)
- Hot-dipped galvanized coating inhibits red rusting
- XL® staked-on end detail
- 10-Year replacement items available — 10-YEAR REPLACEMENT AVAILABILITY
- 10-Year Limited System Warranty; 30-Year Limited Ceiling Systems Warranty when used with **HumiGuard® Plus** products
- **Made-to-order** main beams and cross tees can be ordered for your project needs in one carton minimums
- Some items available in metric sizes
- Blizzard White and Charcoal Black powder-coated finish coordinates with Calla®, Optima®, Ultima®, and Lyra® ceiling panels for a clean, seamless, monolithic installed visual
- Linear lighting integration is easy with made-to-order main beam-to-cross tee adapters, rout spacing, asmiter spacing, and short cross tees (3" to 6" lengths)

NOTE: Additional Silhouette® 1/4" reveal items for TechZone® Integrated Ceiling Systems are listed in the TechZone Technical Guide (BPCS-4486). Available online at armstrongceilings.com/techzone

### COLORS AND FINISHES

Due to printing limitations, shade may vary from actual product.

**Standard**

White (WH) · Black (BL) · Light Grey (LG) · Grey Stone (GS) · Stone (SE) · Mist (SMT) · Sandstone (SSS) · Custom Colors Available*

Fossil (SFL) · Feldspar (SFS) · Boxwood (SBW) · Lilac (SLC) · Rainstorm (SRS) · Oat (SOT)

**Powder-Coated Finishes**

Blizzard White (ZW) · Charcoal Black (ZB)

NOTE: Powder-coated finishes are also available on select Axiom® Classic, Knife Edge®, and Vector trim profiles

* Colors that are pre-qualified to meet Sustain™ portfolio requirements are available upon request. Other made-to-order colors must be evaluated if sustainability criteria is required. Lead time will increase.
NOTE: 360° paint finishes and custom colors available as special order.

TechLine 877 276-7876
armstrongceilings.com/silhouette

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Declare.

RECYCLED CONTENT UP TO 30%

LEED V5 Ecomedes Data

COMMON MATERIALS FRAMEWORK

| | | | |
|---|---|---|---|
| Human Health | Declare Label | Climate Health | EPD |
| | HPD | Ecosystem Health | EPD |
| | 3rd Party CDPH | Circular Economy | ✓ |

### VISUAL SELECTION

### PERFORMANCE

### PACKAGING

| | Item No.◆ | Description | Rout Spacing | Notching | Dimensions (Inches) | HANGER SPACING* LBS/LF 4 Ft. | HANGER SPACING* LBS/LF 5 Ft. | Fire Gaurd™ | Seismic Category | CleanAssure™ Disinfectable Grid: Fog | Spray | Wipe | Pieces/ Carton | LF/ Carton |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SILHOUETTE® XL® 1/4" Reveal 9/16" | 7601_ _ _ | 12' HD Main Beam – Notched 24" O.C. | 24" O.C. | | 144 × 9/16 × 1-3/4" | 16.35 | 7.80 | N/A | • | • | • | • | 20 | 240 |
| | 7612_ _❖ | 12' HD Main Beam – Unnotched | | | 144 × 9/16 × 1-3/4" | 16.35 | 7.80 | N/A | • | • | • | • | 20 | 240 |
| | 7600_ _❖† | 12' ID Main Beam – Notched | 24" O.C. | | 144 × 9/16 × 1-3/4" | 13.10 | 6.61 | N/A | N/A | • | • | • | 20 | 240 |
| | 7602_ _❖ | 10' ID Main Beam – Notched | 24" O.C. | | 120 × 9/16 × 1-3/4" | 13.10 | 6.61 | N/A | N/A | • | • | • | 20 | 200 |
| | 7603_ _❖ | 12' ID Main Beam – Notched | 48" O.C. | | 144 × 9/16 × 1-3/4" | 13.10 | 6.61 | N/A | N/A | • | • | • | 20 | 240 |
| | 7606_ _❖ | 10' ID Main Beam – Notched | 30" O.C | | 120 × 9/16 × 1-3/4" | 13.10 | 6.61 | N/A | N/A | • | • | • | 20 | 200 |
| | XL7680_ _❖ | 8' Cross Tee – Unnotched | | | 96 × 9/16 × 1-3/4" | 12.59** | N/A | N/A | • | • | • | • | 20 | 160 |
| | XL7690_ _❖ | 6' Cross Tee – Unnotched | | | 72 × 9/16 × 1-3/4" | 12.59** | N/A | N/A | • | • | • | • | 20 | 120 |
| | XL7650_ _❖ | 5' Cross Tee – Unnotched | | | 60 × 9/16 × 1-3/4" | N/A | 6.09 | N/A | • | • | • | • | 30 | 150 |
| | XL7655_ _❖ | 5' Cross Tee – Center-notched, both sides | | | 60 × 9/16 × 1-3/4" | N/A | 5.71 | N/A | • | • | • | • | 30 | 150 |
| | XL7654_ _❖ | 5' Cross Tee – Notched, both sides at 20", 40" | | | 60 × 9/16 × 1-3/4" | N/A | 5.71 | N/A | • | • | • | • | 60 | 240 |
| | XL7651_ _❖ | 5' Cross Tee – Notched, one side at 20", 40" | | | 60 × 9/16 × 1-3/4" | N/A | 5.71 | N/A | • | • | • | • | 60 | 240 |
| | XL7640_ _ _† | 4' Cross Tee – Unnotched | | | 48 × 9/16 × 1-3/4" | 13.53 | N/A | N/A | • | • | • | • | 60 | 240 |
| | XL7645_ _❖† | 4' Cross Tee – Center-notched, both sides | | | 48 × 9/16 × 1-3/4" | 12.85 | N/A | N/A | • | • | • | • | 60 | 240 |
| | XL7646_ _❖ | 4' Cross Tee – Center-notched, one side | | | 48 × 9/16 × 1-3/4" | 13.21 | N/A | N/A | • | • | • | • | 60 | 120 |
| | XL7670_ _❖ | 30" Cross Tee – Unnotched | | | 30 × 9/16 × 1-3/4" | 39.86 at 2.5' | N/A | N/A | • | • | • | • | 60 | 150 |
| | XL7620_ _ _† | 2' Cross Tee – Unnotched | | | 24 × 9/16 × 1-3/4" | 69.69 | 71.66 at 2' | N/A | • | • | • | • | 60 | 120 |
| | XL7610_ _❖ | 1' Cross Tee – Unnotched | | | 12 × 9/16 × 1-3/4" | 69.69 | 71.66 | N/A | • | • | • | • | 120 | 120 |
| | XL7606_ _❖ | 6" Cross Tee – Unnotched | | | 6 × 9/16 × 1-3/4" | N/A | N/A | N/A | • | • | • | • | 60 | 30 |
| | XL7604_ _❖ | 4" Cross Tee – Unnotched | | | 4 × 9/16 × 1-3/4" | N/A | N/A | N/A | • | • | • | • | 60 | 20 |
| | | 9/16" Silhouette XL 1/4" Reveal | | | | | | | | | | | | |
| Size Capabilities | | Main Beam Length | Cross Tee Length | | N/A | N/A | N/A | N/A | N/A | • | • | • | Varies | Varies |
| | | 36" – 144" | 3" – 144" | | | | | | | | | | | |

1 Ctn Min FASTSIZE 2 WEEKS order to ship

NOTE: Up to 6 weeks for color and size combinations.

Rout spacing 6" from ends, 12" thereafter††

Made-to-order main beams and cross tees can be ordered with special sizes, rout spacing, and colors for your project needs in one carton minimums.

* Simple Span

** Wire at 4'

◆ When specifying or ordering items with a color or finish, add the two- or three-letter suffix to the end of the item number (e.g. 7601 L G _ – Light Grey)

❖ Available in White (WH), and Blizzard White (ZW) powder-coated finish only

† Also available in Black Reveal (BI) and Charcoal Black (ZB)

†† For routs/notches closer than 6" from end, please contact techline@armstrongceilings.com

Dots represent high level of performance.

ASTM Class
HD - Heavy-duty
ID - Intermediate-duty
LD - Light-duty

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RECYCLED CONTENT UP TO 30%

LEED V5

Ecomedes Data

COMMON MATERIALS FRAMEWORK

| | |
|---|---|
| Human Health | Declare Label, HPD, 3rd Party CDPH |
| Climate Health | EPD |
| Ecosystem Health | EPD |
| Circular Economy | ✓ |

### VISUAL SELECTION

### PERFORMANCE

### PACKAGING

| | Item No.◆ | Description | Rout Spacing | Notching | Dimensions (Inches) | HANGER SPACING* LBS/LF 4 Ft. | HANGER SPACING* LBS/LF 5 Ft. | Fire Gaurd™ | Seismic Category | CleanAssure™ Disinfectable Grid: Fog | Spray | Wipe | Pieces/ Carton | LF/ Carton |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SILHOUETTE® XL® 360° Painted Grid to match Axiom® Trim 9/16" | **AX76003XX** | 12' HD Main Beam – Notched 24" O.C. | 12" O.C. | | 144 × 9/16 × 1-3/4 × 1/4" | 13.10 | 6.61 | N/A | N/A | • | • | • | 20 | 240 |
| | **AX76013XX** | 12' HD Main Beam – Notched 24" O.C. | 12" O.C. | | 144 × 9/16 × 1-3/4 × 1/4" | 16.35 | 7.80 | N/A | N/A | • | • | • | 20 | 240 |
| | **AX76103XX** | 1' Cross Tee – Unnotched | N/A | | 12 × 9/16 × 1-3/4 × 1/4" | 69.69 | 71.66 | N/A | N/A | • | • | • | 120 | 120 |
| | **AX76203XX** | 2' Cross Tee – Unnotched | N/A | | 24 × 9/16 × 1-3/4 × 1/4" | 69.69 | 71.66 @ 2' | N/A | N/A | • | • | • | 60 | 120 |
| | **AX76703XX** | 30" Cross Tee – Unnotched | N/A | | 30 × 9/16 × 1-3/4 × 1/4" | 39.86 @ 2.5' | N/A | N/A | N/A | • | • | • | 60 | 150 |
| | **AX76453XX** | 4' Cross Tee – Center Notched Both Sides | N/A | | 48 × 9/16 × 1-3/4 × 1/4" | 12.85 | N/A | N/A | N/A | • | • | • | 60 | 240 |
| | **AX76503XX** | 5' Cross Tee – Unnotched | N/A | | 60 × 9/16 × 1-3/4 × 1/4" | N/A | 6.09 | N/A | N/A | • | • | • | 30 | 150 |

Dots represent high level of performance.

ASTM Class
HD - Heavy-duty
ID - Intermediate-duty
LD - Light-duty

### VISUAL SELECTION

### PACKAGING

| | Item No.◆ | Description | Length | (A) Flange | (B) Flange | (C) Reveal | Pieces/ Carton | LF/ Carton |
|---|---|---|---|---|---|---|---|---|
| **Suggested Wall Moldings and Shadow Moldings** (Additional molding options available) | **7804_ _ _** | 12' Hemmed Angle Molding | 144" | 9/16" | 7/8" | N/A | 30 | 360 |
| | **7873_ _❖** | 10' Shadow Molding | 120" | 9/16" | 15/16" | 3/8" | 30 | 360 |
| | **7878_ _ _**††** | 10' Seismic Shadow Molding | 120" | 15/16" | 15/16" | 3/8" | 30 | 300 |

* Simple Span
** Suitable for IBC Category D,E,F installations using Armstrong® Seismic Rx® suspension system and BERC2 Clip
◆ When specifying or ordering items with a color or finish, add the two- or three-letter suffix to the end of the item number (e.g. 7804 L G _ – Light Grey)
❖ Available in White (WH), and Blizzard White (ZW) powder-coated finish only
†† Not available in Silver Grey (SG), Gun Metal Grey (MY), or Silver Satin (SA).

### MAXIMUM FIXTURE WEIGHT

Drawing Key: Main beam ( ↑ ) Cross tee ( --- ) Hanger wire ( + )

| | Configuration A | Configuration B | Item No. | Fixture A | Fixture B | Planning Module A | Planning Module B | Hanger Spacing A | Hanger Spacing B | Maximum Weight A | Maximum Weight B |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Main Beam to Main Beam |  |  | **7600/7602 7601** | 24" × 48" | 24" × 48" | 48" × 48" | 48" × 48" | 48" | 48" | 73.0 lbs.<br>76.0 lbs. | 73.0 lbs.<br>76.0 lbs. |
| |  |  | | 24" × 48" | 24" × 48" | 48" × 48" | 48" × 48" | 48" | 48" | 75.0 lbs.<br>75.0 lbs. | 75.0 lbs.<br>75.0 lbs. |

Main Beams tested as follows: 7600 tested at 13.1 lbs/LF to 1/360 of 4' span; 7601 tested at 16.35 lbs/LF to 1/360 of 4' span.

| | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Cross Tee to Cross Tee |  |  | **XL7645 XL7646** | 24" × 48"<br>24" × 48" | 24" × 48"<br>24" × 48" | 48" × 48"<br>48" × 48" | 48" × 48"<br>48" × 48" | 48"<br>48" | 48"<br>48" | 59.0 lbs.<br>59.0 lbs. | 41.0 lbs.<br>41.0 lbs. |

Cross tees tested as follows: XL7645 tested at 12.0 LBS/LF to 1/360 of 4' span.

Fixtures weighing more than 56 lbs. should be independently supported. Fixture weight is based on single fixture only. For end-to-end fixtures or other configurations not shown, consult your Armstrong Ceilings representative.
NOTE: The above data is based on 48" hanger wire spacing, board weight of 1 lb./SF, maximum deflection of cross tees not to exceed 1/360 of the span, and suspension system installed in accordance with ASTM C636.

SUSPENSION SYSTEMS – Standard

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UP TO 30%

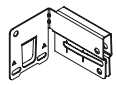
LEED V5
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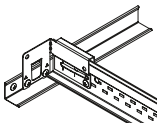
COMMON MATERIALS FRAMEWORK

| | | | |
|---|---|---|---|
| Human Health | Declare Label | Climate Health | EPD |
| | HPD | Ecosystem Health | EPD |
| | 3rd Party CDPH | Circular Economy | ✓ |

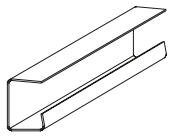
## ACCESSORIES

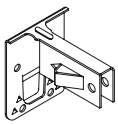
| Item No. | Description | Pieces/ Carton |
|---|---|---|
| **BERC2** | **2" Beam End Retaining Clip**<br>Allows you to create a code-compliant Seismic D, E, F ceiling installation while eliminating the need to use 2" wall molding or spreader bars. | |
| **BERC2** | Steel | 200 |
| **FZBERC2** | Steel | 50 |
| **ALBERC2** | Aluminum | 200 |
| **FZALBERC2** | Aluminum | 50 |





| Item No. | Description | Pieces/ Carton |
|---|---|---|
| **MCC4G** | **Silhouette® 1/4" Reveal Miter Closure Clip**<br>Eliminates main beam and cross tee miters. | |
| **MCC4G** | | 200 |
| **FZMCC4G** | | 50 |
| **GCWA** | **Grip Clip Wall Attachment**<br>Joins main beam or cross tee to wall molding via locking barbs without pop rivets or screws. | |
| **GCWA** | | 250 |
| **FZGCWA** | | 50 |





## DETAILS

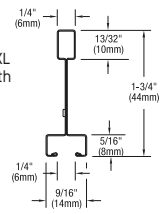


SILHOUETTE® XL® Main Beam

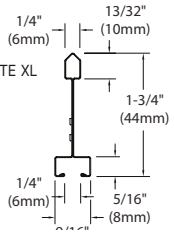


SILHOUETTE XL Cross Tee

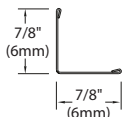
SILHOUETTE XL Main Beam with 1/4" Reveal



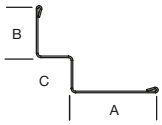

SILHOUETTE XL Cross Tee




7/8" Hemmed Angle Molding




Shadow Molding




## SEISMIC PERFORMANCE

**Main Beams**
7600, 7606, 7602, 7601, 7603

**Minimum Lbs. To Pull Out Compression/Tension**
340.0, 392.9, 340.0

**Cross Tees**
XL7610, XL7620/802042, XL7640, XL7645/803042, XL7646, XL7650, XL7670, XL7655, XL7680, XL7690, XL7654, XL7651, XL7606, XL7604

**Minimum Lbs. To Pull Out Compression/Tension**
299.5

**ICC Reports**
For areas under ICC jurisdiction, see ICC evaluation report number ESR-1308 for allowable values and/or conditions of use concerning the suspension system components listed on this page. The report is subject to re-examination, revisions, and possible cancellation.

To derive maximum lbs/sf, divide the on-center spacing of the component into the lbs/lf given in the load test data table.

## PHYSICAL DATA

**Material**
Double-web hot dipped galvanized steel

**Surface Finish**
Baked polyester paint or powder-coated paint

Manufactured and tested in accordance with ASTM C635

**Face Dimension**
9/16"

**Profile**
Bolt-slot

**Cross Tee/Main Beam Interface**
Mitered

**Design Considerations**
Physical product samples for standard and custom colors are available upon request. Please refer to the physical product sample prior to making a final selection. While we strive to ensure exact color matches, various factors such as differences in materials, texture, substrate porosity, painting processes, lighting, and observer subjectivity can all affect how paint colors appear on ceiling and wall panels, suspension systems, and trim products. Due to these and other differences, ceiling and wall panels, trim products, and suspension systems with the same color name will coordinate but may not be an exact color match. Product is dye-lotted. Order sufficient initial quantities and attic stock to minimize possible color variation.

All acoustical grid and Axiom trim accessories (a.k.a. clips) are supplied as unpainted items. Exposed clips will need to be field painted after installation, if required for the project. This ensures accessories meet the tested performance criteria and adhere to AWI installation instructions and warrantied products or systems.

**End Detail**
Main Beam: Coupling
Cross Tee: Staked-on clip

**Duty Classification**
Intermediate or Heavy-duty

**Cleaning & Disinfecting**
Cleaning and CDC-approved disinfecting options available on armstrongceilings.com/cleaning

SUSPENSION SYSTEMS – Standard

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BPCS-3157-326

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