

# SILHOUETTE® XL® 1/4" Reveal

## Slotted Tee Suspension System



**SUSTAIN™**  
High Performance  
Sustainable  
Ceiling Systems



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](http://armstrongceilings.com/cleaning))

- Hot-dipped galvanized coating inhibits red rusting
- XL® staked-on end detail
- 10-Year replacement items available
- 10-Year Limited System Warranty; 30-Year Limited Ceiling Systems Warranty when used with HumiGuard® Plus products



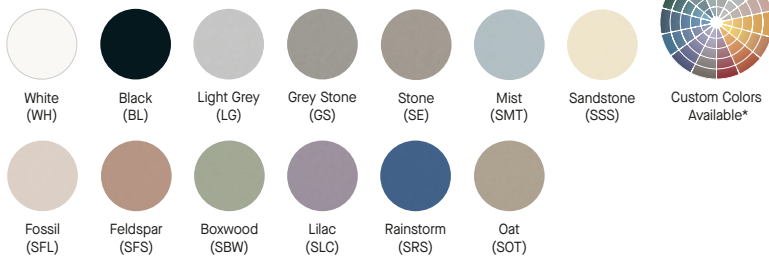
- Made-to-order main beams and cross tees can be ordered for your project needs in one carton minimums
- Some items available in metric sizes
- Blizzard White and Charcoal Black powder-coated finish coordinates with Calla®, Optima®, Ultima®, and Lyra® ceiling panels for a clean, seamless, monolithic installed visual

- Linear lighting integration is easy with made-to-order main beam-to-cross tee adapters, rout spacing, asmitter spacing, and short cross tees (3" to 6" lengths)

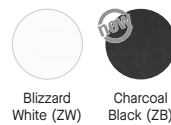
NOTE: Additional Silhouette® 1/4" reveal items for TechZone® Integrated Ceiling Systems are listed in the TechZone Technical Guide (BPCS-4486). Available online at [armstrongceilings.com/techzone](http://armstrongceilings.com/techzone)

### COLORS AND FINISHES Due to printing limitations, shade may vary from actual product.

#### Standard



#### Powder-Coated Finishes



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.



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## Slotted Tee Suspension System



Declare.

RECYCLED CONTENT

UP TO 30%

LEED V5

COMMON MATERIALS FRAMEWORK

Human Health **Declare Label**  
HPD  
3rd Party CDPH

Climate Health **EPD**  
Ecosystem Health **EPD**  
Circular Economy **✓**

Ecomedes Data

### VISUAL SELECTION

### PERFORMANCE

### PACKAGING

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

# SILHOUETTE® XL® 1/4" Reveal Slotted Tee Suspension System



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

Item No. ♦	Description	Rout Spacing	Notching	Dimensions (Inches)	HANGER SPACING* LBS/LF		
					4 Ft.	5 Ft.	
SILHOUETTE® XL® 360° Painted Grid to match Axiom® Trim 9/16"	AX76003XX	12' HD Main Beam – Notched 24" O.C.	12" O.C.		144 x 9/16 x 1-3/4 x 1/4"	13.10	6.61
	AX76013XX	12' HD Main Beam – Notched 24" O.C.	12" O.C.		144 x 9/16 x 1-3/4 x 1/4"	16.35	7.80
	AX76103XX	1' Cross Tee – Unnotched	N/A		12 x 9/16 x 1-3/4 x 1/4"	69.69	71.66
	AX76203XX	2' Cross Tee – Unnotched	N/A		24 x 9/16 x 1-3/4 x 1/4"	69.69	71.66 @ 2'
	AX76703XX	30" Cross Tee – Unnotched	N/A		30 x 9/16 x 1-3/4 x 1/4"	39.86 @ 2.5'	N/A
	AX76453XX	4' Cross Tee – Center Notched Both Sides	N/A		48 x 9/16 x 1-3/4 x 1/4"	12.85	N/A
	AX76503XX	5' Cross Tee – Unnotched	N/A		60 x 9/16 x 1-3/4 x 1/4"	N/A	6.09

## PERFORMANCE

Fire Gaurd™ Seismic Category	CleanAssure™ Disinfectable Grid		
	Fog	Spray	Wipe
N/A N/A	*	*	*
N/A N/A	*	*	*
N/A N/A	*	*	*
N/A N/A	*	*	*
N/A N/A	*	*	*
N/A N/A	*	*	*
N/A N/A	*	*	*

## PACKAGING

Pieces/ Carton	LF/ Carton
20	240
20	240
120	120
60	120
60	150
60	240
30	150

Dots represent high level of performance.

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

## VISUAL SELECTION

Item No. ♦	Description	Length	(A) Flange	(B) Flange	(C) Reveal
7804_ _ _	12' Hemmed Angle Molding	144"	9/16"	7/8"	N/A
7873_ _ ♦	10' Shadow Molding	120"	9/16"	15/16"	3/8"
7878_ _ _**††	10' Seismic Shadow Molding	120"	15/16"	15/16"	3/8"

## PACKAGING

Pieces/ Carton	LF/ Carton
30	360
30	360
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	Item No.	Fixture		Planning Module		Hanger Spacing		Maximum Weight	
		A	B	A	B	A	B	A	B
Main Beam to Main Beam	7600/7602 7601	24" x 48"	24" x 48"	48" x 48"	48" x 48"	48"	48"	73.0 lbs.	73.0 lbs.
		24" x 48"	24" x 48"	48" x 48"	48" x 48"	48"	48"	75.0 lbs.	75.0 lbs.
Cross Tee to Cross Tee	XL7645 XL7646	24" x 48"	24" x 48"	48" x 48"	48" x 48"	48"	48"	59.0 lbs.	41.0 lbs.
		24" x 48"	24" x 48"	48" x 48"	48" x 48"	48"	48"	59.0 lbs.	41.0 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 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.



# SILHOUETTE® XL® 1/4" Reveal Slotted Tee Suspension System



RECYCLED  
CONTENT

LEED V5

Ecomedes Data

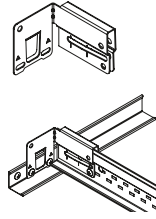
UP TO  
**30%**

COMMON MATERIALS FRAMEWORK

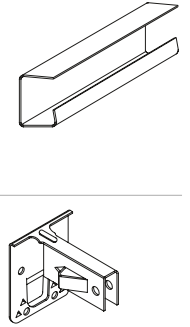
Human Health	<b>Declare Label</b>	Climate Health	<b>EPD</b>
	<b>HPD</b>	Ecosystem Health	<b>EPD</b>
	<b>3rd Party CDPH</b>	Circular Economy	<b>✓</b>

## ACCESSORIES

Item No.	Description	Pieces/ Carton
<b>BERC2</b>	<b>2" Beam End Retaining Clip</b> 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.	
<b>BERC2</b>	Steel	200
<b>FZBERC2</b>	Steel	50
<b>ALBERC2</b>	Aluminum	200
<b>FZALBERC2</b>	Aluminum	50



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

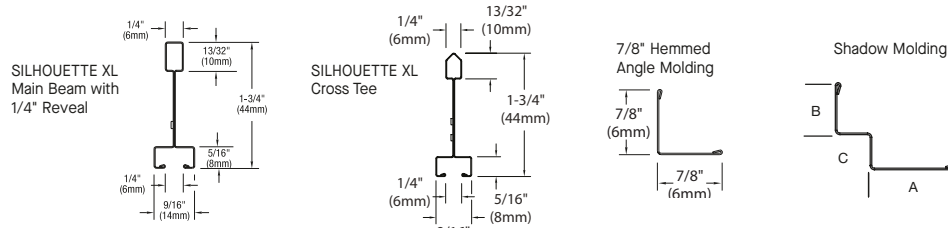


## DETAILS



**SILHOUETTE® XL®**  
Main Beam

**SILHOUETTE XL**  
Cross Tee



## 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 warranted 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](http://armstrongceilings.com/cleaning)