

SILHOUETTE® XL® 1/8" Reveal Slotted Tee Suspension System



Silhouette® 1/8" reveal suspension system

Sophisticated slotted 9/16" suspension system with a slim 1/8" 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
- Rotary-stitched for torsional strength
- 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, miter spacing, and short cross tees (3" to 6" lengths)



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

Standard



* 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

Powder-Coated Finishes



SILHOUETTE® XL® 1/8" Reveal

Slotted Tee Suspension System



UP TO 30% RECYCLED CONTENT

energy management
construction waste mgmt
regional materials
design for flexibility
EPD
recyclable/ bio-based materials
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LOCATION DEPENDENT

VISUAL SELECTION

PERFORMANCE

PACKAGING

	Item No. ♦	Description	Rout Spacing	Notching (Inches)	HANGER SPACING* LBS./LFT		Fire	Gaurd	Seismic Category	CleanAssure™ Disinfectable Grid			Pieces/ Carton	LF/ Carton
					4 Ft.	5 Ft.				Fog	Spray	Wipe		
SILHOUETTE® XL® 1/8" Reveal 9/16"	76018_ _ ♦ †	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
	76128_ _ ♦	12' HD Main Beam – Unnotched			144 × 9/16 × 1-3/4"	16.35	7.80	N/A	*	*	*	*	20	240
	76008_ _ ♦ †	12' ID Main Beam – Notched 24" O.C.	24" O.C.		144 × 9/16 × 1-3/4"	13.10	6.61	N/A	N/A	*	*	*	20	240
	76028_ _ ♦	10' ID Main Beam – Notched 24" O.C.	24" O.C.		120 × 9/16 × 1-3/4"	13.10	6.61	N/A	N/A	*	*	*	20	200
	76038_ _ ♦	12' ID Main Beam – Notched 48" O.C.	48" O.C.		144 × 9/16 × 1-3/4"	13.10	6.61	N/A	N/A	*	*	*	20	240
	76068_ _ ♦	10' ID Main Beam – Notched 30" O.C.	30" O.C.		120 × 9/16 × 1-3/4"	13.10	6.61	N/A	N/A	*	*	*	20	200
	XL76808_ _ ♦	8' Cross Tee – Unnotched			96 × 9/16 × 1-3/4"	12.59**	N/A	N/A	*	*	*	*	20	160
	XL76908_ _ ♦	6' Cross Tee – Unnotched			72 × 9/16 × 1-3/4"	12.59**	N/A	N/A	*	*	*	*	20	120
	XL76508_ _ ♦	5' Cross Tee – Unnotched			60 × 9/16 × 1-3/4"	N/A	6.09	N/A	*	*	*	*	30	150
	XL76558_ _ ♦	5' Cross Tee – Center-notched, both sides			60 × 9/16 × 1-3/4"	N/A	5.71	N/A	*	*	*	*	30	150
	XL76408_ _ ♦ †	4' Cross Tee – Unnotched			48 × 9/16 × 1-3/4"	14.11	N/A	N/A	*	*	*	*	60	240
	XL76458_ _ ♦ †	4' Cross Tee – Center-notched, both sides			48 × 9/16 × 1-3/4"	12.60	N/A	N/A	*	*	*	*	60	240
	XL76468_ _ ♦	4' Cross Tee – Center-notched, one side			48 × 9/16 × 1-3/4"	13.01	N/A	N/A	*	*	*	*	60	240
	XL76708_ _ ♦	30" Cross Tee – Unnotched			30 × 9/16 × 1-3/4"	47.76	N/A	N/A	*	*	*	*	60	150
	XL76208_ _ ♦ †	2' Cross Tee – Unnotched			24 × 9/16 × 1-3/4"	69.69	N/A	N/A	*	*	*	*	60	120
	XL76108_ _ ♦	1' Cross Tee – Unnotched			12 × 9/16 × 1-3/4"	69.69	N/A	N/A	*	*	*	*	120	120
	XL76048_ _ ♦	4" Cross Tee – Unnotched			4 × 9/16 × 1-3/4"	N/A	N/A	N/A	*	*	*	*	60	20
	XL76068_ _ ♦	6" Cross Tee – Unnotched			6 × 9/16 × 1-3/4"	N/A	N/A	N/A	*	*	*	*	60	20
Size Capabilities	1 Ctn Min FASTSIZE 2 WEEKS order to ship	9/16" Silhouette XL 1/8" Reveal												
		Main Beam Length	Cross Tee Length		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'

♦ All items available in Blizzard White powder-coated finish

† All items available in Charcoal Black powder-coated finish

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

♦ When specifying or ordering items with a color or finish, add the two-letter suffix to the end of the item number (e.g., 76018 Z W – Blizzard White)

Dots represent high level of performance.

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

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LOCATION DEPENDENT

VISUAL SELECTION

					HANGER SPACING* LBS./LFT		
	Item No. ♦	Description	Roof Spacing	Notching	Dimensions (Inches)	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 × 9/16 × 1-3/4 × 1/4"	13.10	6.61
	AX76013XX	12' HD Main Beam – Notched 24" O.C.	12" O.C.		144 × 9/16 × 1-3/4 × 1/4"	16.35	7.80
	AX76103XX	1' Cross Tee – Unnotched	N/A		12 × 9/16 × 1-3/4 × 1/4"	69.69	71.66
	AX76203XX	2' Cross Tee – Unnotched	N/A		24 × 9/16 × 1-3/4 × 1/4"	69.69	71.66 @ 2'
	AX76703XX	30" Cross Tee – Unnotched	N/A		30 × 9/16 × 1-3/4 × 1/4"	39.86 @ 2.5'	N/A
	AX76453XX	4' Cross Tee – Center Notched Both Sides	N/A		48 × 9/16 × 1-3/4 × 1/4"	12.85	N/A
	AX76503XX	5' Cross Tee – Unnotched	N/A		60 × 9/16 × 1-3/4 × 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	*	*	*	*

PACKAGING

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

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VISUAL SELECTION

	Item No. ♦	Description	Length	(A) Flange	(B) Flange	(C) Reveal
Suggested Wall Moldings and Shadow Moldings (Additional molding options available)	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"
	7850_ _ ♦	12" Hemmed Angle Molding	144"	1-1/8"	7/8"	N/A

PACKAGING

Pieces/ Carton	Lf/ Carton
30	360
30	360
30	300
30	360

- * Simple Span
- ** Suitable for IBC Category D,E,F installations using Armstrong® Seismic Rx® suspension system and BERC2 Clip
- ♦ Items available in Blizzard White powder-coated finish only
- ♦ When specifying or ordering items with a color or finish, add the two-letter suffix to the end of the item number (e.g., 7851 W H - White)

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	76008 76018			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"	76.0 lbs.	76.0 lbs.
				12" x 48"	12" x 48"	48" x 48"	48" x 48"	48"	48"	59.0 lbs.	41.0 lbs.
				12" x 48"	12" x 48"	48" x 48"	48" x 48"	48"	48"	59.0 lbs.	41.0 lbs.
Main Beams tested as follows: 76008/76018 tested at 13.1 LBS/LF to 1/360 of 4' span; 76018 tested at 16.35 LBS/LF to 1/360 of 4' span.											
Cross Tee to Cross Tee	XL76458 XL76468			24" x 48"	24" x 24"	48" x 48"	48" x 48"	48"	48"	75.0 lbs.	75.0 lbs.

Cross tees tested as follows: XL76458/813042 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 representative.
NOTE: The above data is based on 48" hanger wire spacing, board weight of 1 LB/SF, maximum deflection of tees not to exceed 1/360 of the span, and suspension system installed in accordance with ASTM C636.

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LOCATION DEPENDENT

ACCESSORIES

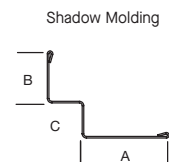
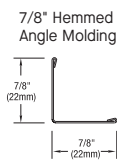
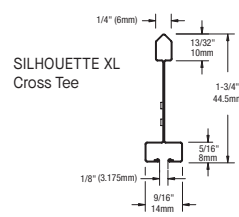
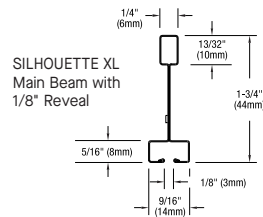
Item No.	Description	Pieces/ Carton
BERC2	2" Beam End Retaining Clip Allows you to create a code-compliant Seismic D, E, F ceiling installation while eliminating the need to use 2" wall molding or spreader bars.	
BERC2	Steel	200
FZBERC2	Steel	50
ALBERC2	Aluminum	200
FZALBERC2	Aluminum	50

Item No.	Description	Pieces/ Carton
MCC8	Silhouette® 1/8" Reveal Miter Closure Clip Eliminates main beam and cross tee miters, molding, or spreader bars.	
MCC8		200
FZMCC8		50
GCWA	Grip Clip Wall Attachment 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



SEISMIC PERFORMANCE

Main Beams
76018, 76128
Minimum Lbs. To Pull Out Compression/Tension
392.9, 340.0

Cross Tees
XL76808, XL76908, XL76508, XL76558, XL76408, XL76458, XL76468, XL76708, XL76208, XL76108, XL76048, XL76068
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
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
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