

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.

Powder-Coated Finishes



NOTE: 360° paint finishes and custom colors available as special order

SILHOUETTE® XL® 1/8" 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./LFT	
						4 Ft.	5 Ft.
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
	76128_ _ ♦	12' HD Main Beam – Unnotched			144 × 9/16 × 1-3/4"	16.35	7.80
	76008_ _ ♦ †	12' ID Main Beam – Notched 24" O.C.	24" O.C.		144 × 9/16 × 1-3/4"	13.10	6.61
	76028_ _ ♦	10' ID Main Beam – Notched 24" O.C.	24" O.C.		120 × 9/16 × 1-3/4"	13.10	6.61
	76038_ _ ♦	12' ID Main Beam – Notched 48" O.C.	48" O.C.		144 × 9/16 × 1-3/4"	13.10	6.61
	76068_ _ ♦	10' ID Main Beam – Notched 30" O.C.	30" O.C.		120 × 9/16 × 1-3/4"	13.10	6.61
	XL76808_ _ ♦	8' Cross Tee – Unnotched			96 × 9/16 × 1-3/4"	12.59**	N/A
	XL76908_ _ ♦	6' Cross Tee – Unnotched			72 × 9/16 × 1-3/4"	12.59**	N/A
	XL76508_ _ ♦	5' Cross Tee – Unnotched			60 × 9/16 × 1-3/4"	N/A	6.09
	XL76558_ _ ♦	5' Cross Tee – Center-notched, both sides			60 × 9/16 × 1-3/4"	N/A	5.71
	XL76408_ _ ♦ †	4' Cross Tee – Unnotched			48 × 9/16 × 1-3/4"	14.11	N/A
	XL76458_ _ ♦ †	4' Cross Tee – Center-notched, both sides			48 × 9/16 × 1-3/4"	12.60	N/A
	XL76468_ _ ♦	4' Cross Tee – Center-notched, one side			48 × 9/16 × 1-3/4"	13.01	N/A
	XL76708_ _ ♦	30" Cross Tee – Unnotched			30 × 9/16 × 1-3/4"	47.76	N/A
	XL76208_ _ ♦ †	2' Cross Tee – Unnotched			24 × 9/16 × 1-3/4"	69.69	N/A
	XL76108_ _ ♦	1' Cross Tee – Unnotched			12 × 9/16 × 1-3/4"	69.69	N/A
	XL76048_ _ ♦	4" Cross Tee – Unnotched			4 × 9/16 × 1-3/4"	N/A	N/A
	XL76068_ _ ♦	6" Cross Tee – Unnotched			6 × 9/16 × 1-3/4"	N/A	N/A
Size Capabilities	9/16" Silhouette XL 1/8" Reveal						
	Main Beam Length	Cross Tee Length			N/A	N/A	N/A
NOTE: Up to 6 weeks for color and size combinations.	36" – 144"						
	Rout spacing 6" from ends, 12" thereafter††						

1 Ctn Min
FAST SIZE
2 WEEKS
order to ship

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)

PERFORMANCE

Fire Gard [™]	Seismic Category DEF	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	*	*	*	*
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
20	240
20	200
20	240
20	200
20	160
20	120
30	150
30	150
60	240
60	240
60	150
60	120
120	120
60	20
60	20
Varies	Varies

Dots represent high level of performance.

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

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



Declare.

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

Item No. ♦	Description	Rout Spacing	Notching	Dimensions (Inches)	HANGER SPACING* LBS./LFT	
					4 Ft.	5 Ft.
SILHOUETTE® XL® 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	*	*	*	*

Dots represent high level of performance.

PACKAGING

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

ASTM Class
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"
7850_ _ ♦	12" Hemmed Angle Molding	144"	1-1/8"	7/8"	N/A

- * 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)

PACKAGING

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

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"	24" x 48" 24" x 48"	48" x 48" 48" x 48"	48" x 48" 48" x 48"	48" 48"	48" 48"	73.0 lbs. 76.0 lbs.	73.0 lbs. 76.0 lbs.
		12" x 48" 12" x 48"	12" x 48" 12" x 48"	48" x 48" 48" x 48"	48" x 48" 48" x 48"	48" 48"	48" 48"	59.0 lbs. 59.0 lbs.	41.0 lbs. 41.0 lbs.
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.

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 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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Declare.

RECYCLED
CONTENT

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LEED V5

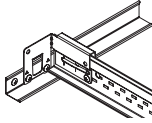
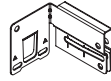
Ecomedes Data

COMMON MATERIALS FRAMEWORK

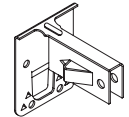
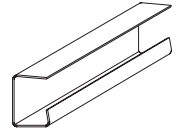
Human Health	Declare Label	Climate Health	EPD
	HPD	Ecosystem Health	EPD
	3rd Party CDPH	Circular Economy	✓

ACCESSORIES

Item No.	Description	Pieces/ Carton
BERC2	2" Beam End Retaining Clip 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

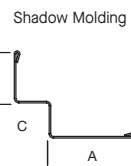
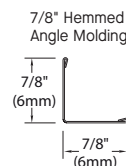
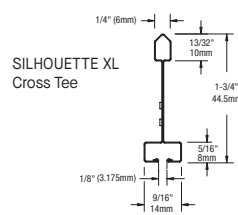
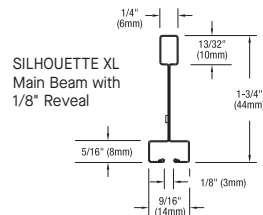


DETAILS



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