



CEILING SYSTEMS

Between us, ideas become reality™

SINGLESPAN™
Acoustical Corridor Suspension System

Minimize or eliminate
hanger wire drops

Armstrong®

say **no** to h

SingleSpan™ Prelude®
PeakForm® Plus Main Beams
are 3X stronger than
conventional main beams

0

hanger wires
for 6' span

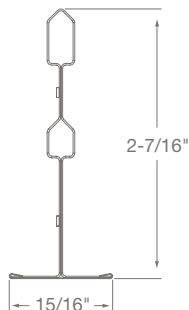
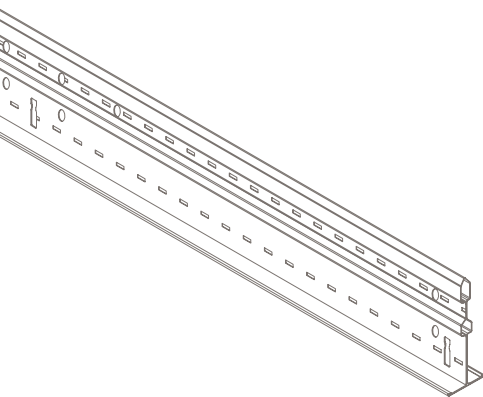
12 LBS./LIN. FT.

1

hanger wire
for 8' span

40 LBS./LIN. FT.

Compare to traditional main beams with
4' O.C. hanger wire spacing that carry 12 lbs./lin. ft.



Why use SingleSpan?

- Reduces or eliminates hanger wires – perfect for healthcare/education spaces with crowded plenums.
- Faster installation helps keep large projects on schedule.
- Compatible with all Armstrong® heavy-duty suspension main beams using StrongBack™ Support Hangers.
- Seismically tested/approved suspension installation configuration (IAPMO certified, Evaluation Report #0244).
- Provides improved access to utilities in the plenum post installation.



FASTER. EASIER. BETTER.

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hanger wires

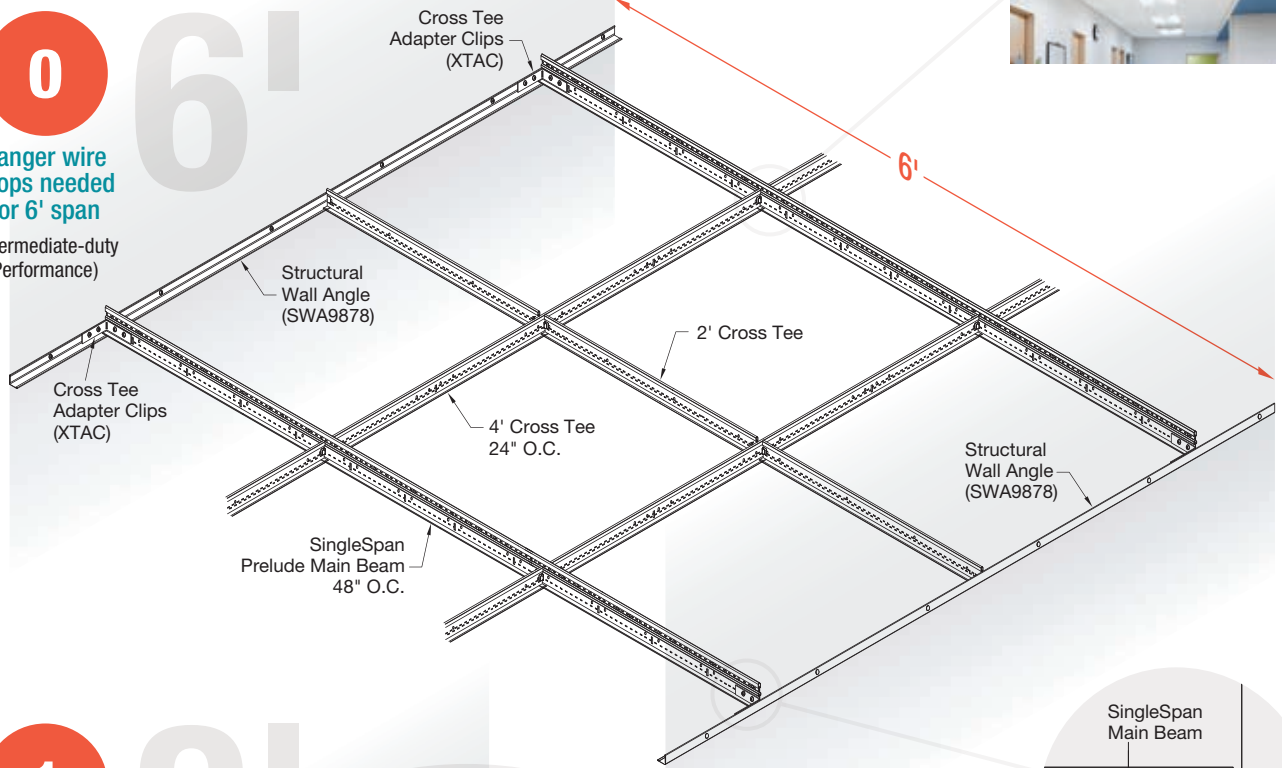
Non-Seismic Installation – 6' and 8' Spans



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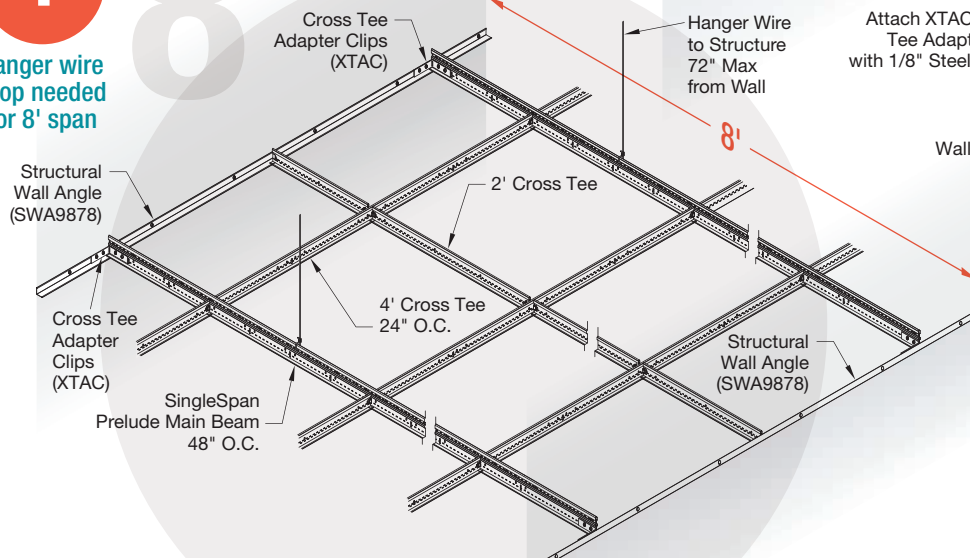
hanger wire drops needed for 6' span

(Intermediate-duty Performance)



1

hanger wire drop needed for 8' span



Attach XTAC Cross Tee Adapter Clip with 1/8\" Steel Rivets

Screw Attach Structural Wall Angle SWA9878 to Structure Every 16\" or 24\" On Center

Span corridors up to 12' wide with one hanger wire – download the SingleSpan™ Technical Installation Guide for more details.

(See back page for hanger wire spacing and load performance.)

More info?

Available for download at armstrong.com/singlespan

- Specifications, Drawings, Data Page, Installation Instructions
- IAPMO Certification Report
- Code Official White Paper
- Technical Installation Guide
- CAD and Revit Drawings

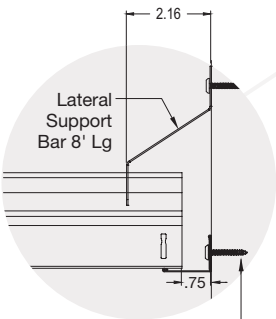
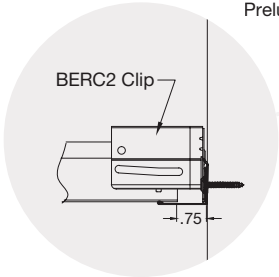
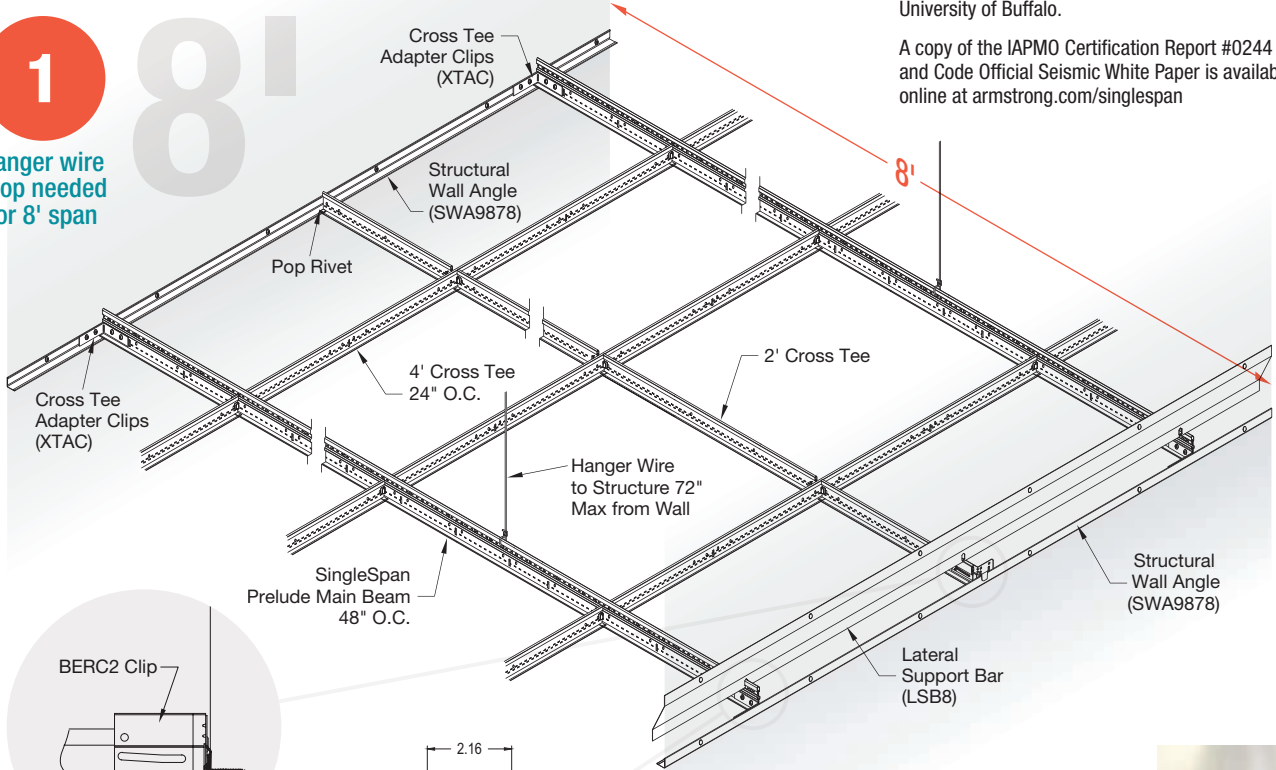


The SingleSpan™ Corridor Suspension System has been certified by IAPMO and approved for categories C, D, E, F. It was also tested on Seismic Shake Tables at University of California, San Diego and the State University of New York, University of Buffalo.

A copy of the IAPMO Certification Report #0244 and Code Official Seismic White Paper is available online at armstrong.com/singlespan

Seismic Installation – 8' Span

1
hanger wire drop needed for 8' span



Screw Attach Structural Wall Angle SWA9878 to Structure Every 16" or 24" on Center



SingleSpan's Lateral Support Bar functions as:

- A stabilizer bar
- Perimeter support wire
- 2" Wall molding
- Lateral bracing

4 in 1 Seismic Benefits

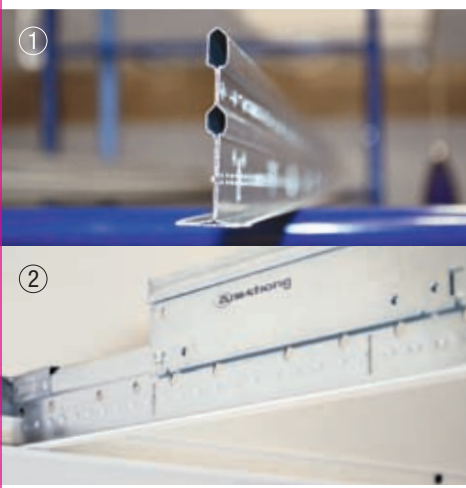
nger wires

How the SingleSpan™ System works

- ① Prelude® PeakForm® Plus 15/16" main beams with double bulb construction provide heavy-duty strength and support for maximum load carrying performance.
- ② For 9/16" applications, add SingleSpan strength to any Armstrong® heavy-duty main beam by attaching StrongBack™ support pieces to them.
- ③ Structural wall angle maximizes the load carrying performance of the SingleSpan System and allows you to reduce or eliminate hanger wires.

Seismic Installations

- ④ The Lateral Support Bar adds seismic performance to the SingleSpan System and functions as:
 - A stabilizer bar
 - Perimeter support wire
 - 2" Wall molding
 - Lateral bracing



High Recycled Content: **63%**

LEED® Credits

Waste Mgmt. Recycled Content Local Materials
 ✓ ✓ ✓
 Location Dependent

SINGLESPAN™ Acoustical Corridor Suspension System

All components are manufactured from High Recycled Content steel

High Recycled Content suspension systems can be used with Ultima® Ceiling-2-Ceiling™, Cirrus® Ceiling-2-Ceiling, Dune™ Ceiling-2-Ceiling, or Terra™ ceiling panels to create a sustainable ceiling system

Visual Selection

Performance Selection Dots represent highest level of performance.

Face	Item No.	Description	Dimensions	Hanger Spacing Lbs./Lin. Ft.				Main Beam O.C. Spacing	Hanger Spacing – Maximum Load in Lbs./Sq. Ft.			Seismic Category 	Lin. Ft./ Ctn.
				2 Ft.	4 Ft.	5 Ft.	6 Ft.		4 Ft.	5 Ft.	6 Ft.		
SingleSpan Prelude® Main Beams with PeakForm® Plus													
15/16"	730098HRC	98" Main Beam	98 x 15/16 x 2.44"	–	41.1	18.6	12.8	24" 48"	20.55 10.27	9.3 4.65*	6.4 3.2	•	81.6
15/16"	730102HRC	102" Main Beam	102 x 15/16 x 2.44"	–	41.1	18.6	12.8	24" 48"	20.55 10.27	9.3 4.65*	6.4 3.2	•	85
15/16"	730144HRC	144" Main Beam	144 x 15/16 x 2.44"	–	41.1	18.6	12.8	24" 48"	20.55 10.27	9.3 4.65*	6.4 3.2	•	120
StrongBack™ Compatible Heavy-duty Main Beam Options (Specify StrongBack Support pieces separately)													
Interlude® 9/16"	6101 HD		144 x 9/16 x 1-3/4"	–	–	24.5	14.5	24" 48"	–	12.5 6.12*	7.25 3.62	•	240
Silhouette® 9/16"	7601 HD	1/4" reveal	144 x 9/16 x 1-3/4"	–	–	26.1	14.7	24"	–	13.05	7.35	•	240
	76018 HD	1/8" reveal	144 x 9/16 x 1-3/4"	–	–	–	–	48"	–	6.52*	3.67		
Suprafine® 9/16"	7501 HD		144 x 9/16 x 1-11/16"	–	–	23.8	13.7	24" 48"	–	11.9 5.95*	6.85 3.42	•	240
Prelude® 15/16"	7301 HD		144 x 15/16 x 1-11/16"	–	–	27.64	14.42	24" 48"	–	13.5 6.75*	7.21 3.60	•	240

StrongBack Support Hangers (Use with 9/16" Heavy-duty Main Beams above)

	SB12	StrongBack Support Hanger	144 x 2 x 2" (Locking tabs 8" O.C.)	–	–	–	–	–	–	–	–	–	200 pcs
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Cross Tees (for cross tee details, visit armstrong.com/suspensionsystems)

Prelude XL 15/16"	XL7341	4' Cross Tee	48 x 15/16 x 1-11/16"	–	16.59	–	–	–	–	–	–	–	240
	XL7342	4' Cross Tee	48 x 15/16 x 1-1/2"	–	9.00	–	–	–	–	–	–	–	240
	XL7340	4' Cross Tee	48 x 15/16 x 1-11/16"	–	12.25	–	–	–	–	–	–	–	240
	XL7328	2' Cross Tee	24 x 15/16 x 1-3/8"	40.45	–	–	–	–	–	–	–	–	120
Suprafine XL 9/16"	XL7540	4' Cross Tee	48 x 9/16 x 1-11/16"	–	10.34	–	–	–	–	–	–	–	240
	XL7541	4' Cross Tee	48 x 9/16 x 1-11/16"	–	12.73	–	–	–	–	–	–	–	240
	XL7549	4' Cross Tee	48 x 9/16 x 1-11/16"	–	16.00	–	–	–	–	–	–	–	240
	XL7520	2' Cross Tee	24 x 9/16 x 1-1/2"	51.83	–	–	–	–	–	–	–	–	120
Interlude XL 9/16"	XL6140	4' Cross Tee	48 x 9/16 x 1-3/4"	–	12.60	–	–	–	–	–	–	–	240
	XL6120	2' Cross Tee	24 x 9/16 x 1-3/4"	66.89	–	–	–	–	–	–	–	–	120
Silhouette XL 1/4" reveal 9/16"	XL7645	4' Cross Tee (Center-notched, both sides)	48 x 9/16 x 1-3/4"	–	12.00	–	–	–	–	–	–	–	240
	XL7640	4' Cross Tee (Unnotched)	48 x 9/16 x 1-3/4"	–	13.53	–	–	–	–	–	–	–	240
Silhouette XL 1/8" reveal 9/16"	XL76458	4' Cross Tee (Center-notched, one side)	48 x 9/16 x 1-3/4"	–	12.00	–	–	–	–	–	–	–	240
	XL76208	2' Cross Tee (Unnotched)	24 x 9/16 x 1-3/4"	69.69	–	–	–	–	–	–	–	–	120

Item No.	Description	Dimensions	Lin. Ft./Ctn.
SingleSpan Lateral Support Bar			
LSB4HRC	48" Lateral Support Bar	48 x 2.16"	40
LSB6HRC	72" Lateral Support Bar	72 x 2.16"	60
LSB8HRC	96" Lateral Support Bar	96 x 2.16"	80
LSB10HRC	120" Lateral Support Bar	120 x 2.16"	100
LSB12HRC	144" Lateral Support Bar	144 x 2.16"	120

Face	Item No.	Description	Dimensions	Lin. Ft./Ctn.
SingleSpan Structural Wall Angle				
12'	SWA9854HRC	Structural Wall Angle	144 x 1-1/4"	144
12'	SWA9878HRC	Structural Wall Angle	144 x 7/8"	144
Structural wall angle is required when hanger wires are greater than 24" from the wall.				
Clips				
	XTAC	Cross Tee Adapter Clip	–	100 pcs
	BERC2	Beam End Retaining Clip	–	200 pcs

* Requires the use of XL7340 or similar load rating cross tee

For more information, see CS-4358 SingleSpan Corridor Solution submittal sheet.

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