

SINGLE SPAN™

Acoustical Corridor Suspension System

Minimize or Eliminate Hanger Wire Drops

Inspiring Great Spaces®

Armstrong® CEILING SOLUTIONS

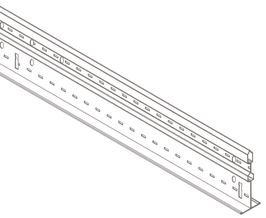
SAY NO TO HANGER WIRES

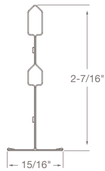
SingleSpan™ Prelude® PeakForm® Plus main beams are 3X stronger than conventional main beams

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.





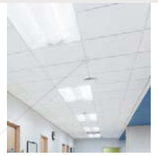
FASTER. EASIER. BETTER.

armstrongceilings.com/singlespan 1 877 276 7876

Why use SingleSpan?

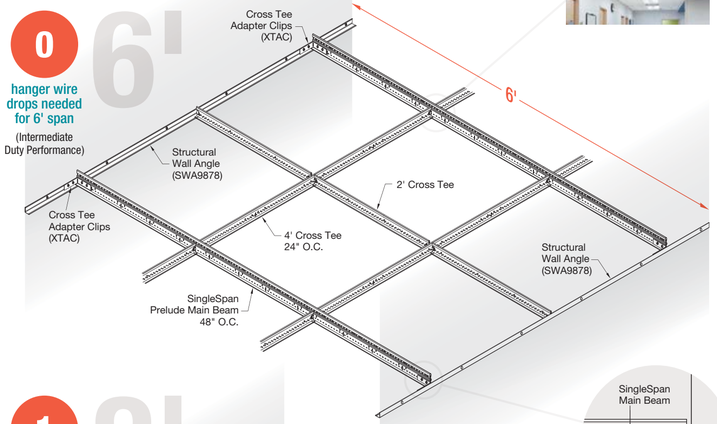
- Reduces or eliminates hanger wires – perfect for healthcare/education spaces with crowded plenums.
- Faster installation helps keep large projects on schedule.
- Compatible with all Armstrong Heavy-Duty suspension main runners using Strongback™ Support Hangers.
- Seismically tested/approved suspension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



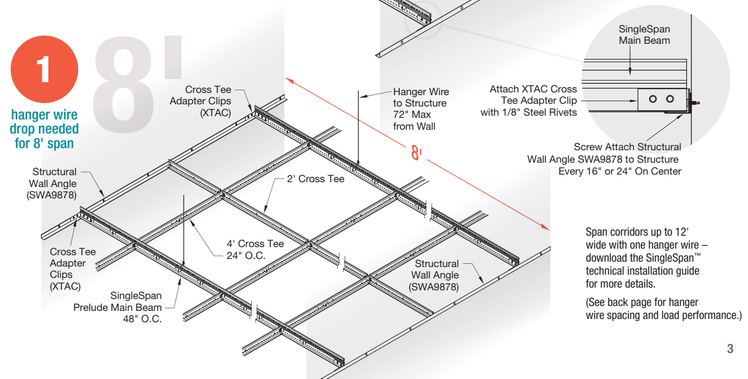


Non-Seismic Installation – 6' and 8' Spans

0 hanger wire drops needed for 6' span (Intermediate Duty Performance)



1 hanger wire drop needed for 8' span

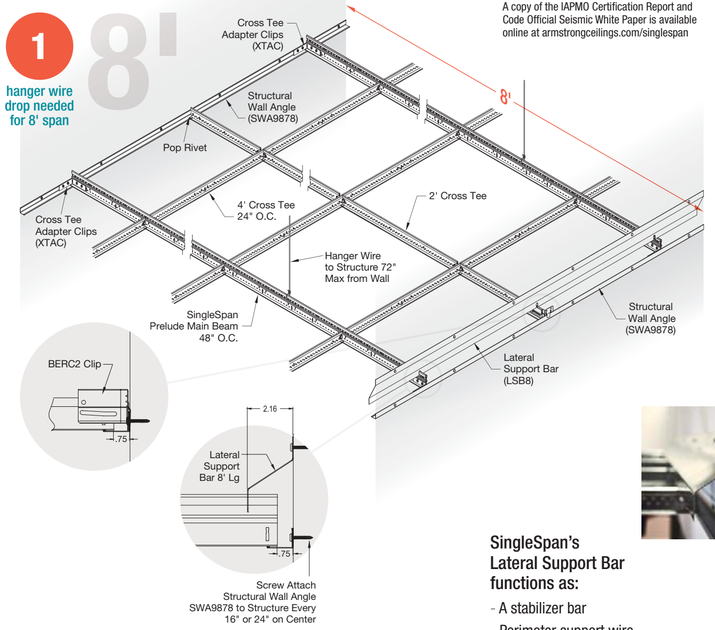


Span corridors up to 12' wide with one hanger wire – download the SingleSpan™ technical installation guide for more details.

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

Seismic Installation – 8' Span

1 hanger wire drop needed for 8' span



4 in 1 Seismic Benefits

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 UCSD and Buffalo.

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



SingleSpan's Lateral Support Bar functions as:

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

More info?

Available for download at armstrongceilings.com/singlespan

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

SAY **NO** TO HANGER 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.

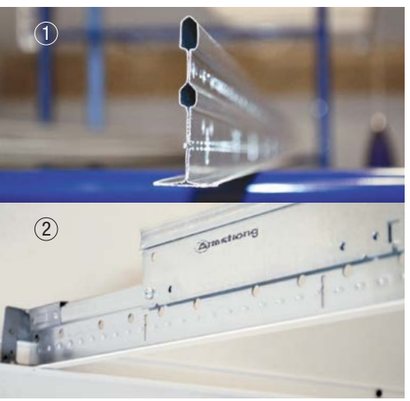
② For 9/16" applications, add SingleSpan strength to any Armstrong heavy-duty main beam by attaching Strongback™ support pieces to them.

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:

- Acts as a stabilizer bar
- Perimeter support wire
- 2" wall molding
- Provides lateral bracing







UP TO **63%** RECYCLED CONTENT

Calculate LEED contribution at armstrongceilings.com/greengenie

LEED®: energy management ✓ | construction waste mgmt ✓ | regional materials ✓ | design for flexibility ✓ | EPD ✓ | recyclable/ extended producer resp. | biobased materials | recycled content ✓ | sourcing of raw materials ✓ | material ingredient reporting | low emitting/ materials | lighting quality | acoustics

▲ LOCATION DEPENDENT

SINGLESPAN™

Corridor Suspension System

All components are manufactured from High Recycled Content steel

High Recycled Content grid can be used with Ultima® HRC, Cirrus® HRC, Dune™ HRC, or Tierra™ 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. 2 Ft.	4 Ft.	5 Ft.	6 Ft.	Main Beam O.C. Spacing	Hanger Spacing – Maximum Load in Lbs./Sq. Ft. 4 Ft.	5 Ft.	6 Ft.	Seismic Category DEF	Lin. Ft./ Ctn.
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"	– –	– –	– –	•	85
15/16"	**730144HRC**	144" Main Beam	144 x 15/16 x 2.44"	–	41.1	18.6	12.8	24" 48"	– –	– –	– –	•	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** **76018 HD**	1/4" reveal 1/8" reveal	144 x 9/16 x 1-3/4" 144 x 9/16 x 1-3/4"	–	–	26.1	14.7	24" 48"	–	13.05 6.52*	7.35 3.67	–	240 240
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® 9/16"	**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)													
	SH12	StrongBack™ Support Hanger	144 x 2 x 2" (Locking tabs 8" O.C.)	–	–	–	–	–	–	–		–	200 pcs
Cross Tees (for cross tee details, visit armstrongceilings.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

SingleSpan Solution Lateral Support Bar

Item No.	Description	Dimensions	Lin. Ft./Ctn.
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

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

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

SingleSpan Structural Wall Angle

Face	Item No.	Description	Dimensions	Lin. Ft./Ctn.
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

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

TechLine / 1 877 276 7876
armstrongceilings.com/singlespan
(search: singlespan)
BPCS-4375-817

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