SINGLESPAN™

Acoustical Corridor Suspension System



The SingleSpan™ System can eliminate hanger wires

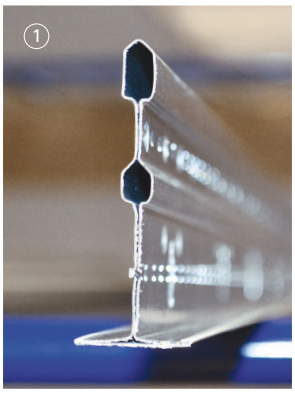
Reduces or eliminates hanger wires for faster, easier installation in crowded plenum spaces.

KEY SELECTION ATTRIBUTES

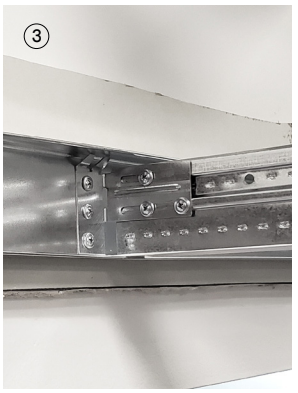
- SingleSpan™ system allows you to reduce or eliminate hanger wires in acoustical corridor installations
- **PeakForm® Plus** profile adds additional strength and support for longer spans
- CleanAssure™ family of products – includes disinfectable panels, suspension systems, and trim (Cleaning and CDC approved disinfecting options available on armstrongceilings.com/cleaning)
- Hot-dipped galvanized coating inhibits red rusting better than electrogalvanized or painted systems
- 10-Year Limited Warranty; 30-Year Limited warranty when used with **HumiGuard® Plus** products
- All components are manufactured from High Recycled Content steel
- Rotary-stitched during manufacture for additional torsional strength and extra stability during installation; maintains size and shape of reveal when cutting perimeter tees
- Faster installation helps keep large projects on schedule
- Additional SingleSpan™ profiles available by screw-attaching StrongBack™ to any Armstrong heavy-duty main beam
- new SPAN C-Channel (7836) and BERCSPAN available for typical seismic installations
- Seismically tested/approved suspension installation configuration
- IAPMO certified, Evaluation Report #0244
- Provides improved access to utilities in the plenum post-installation

COLOR

White (WH)









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. Structural wall angle maximizes the load carrying performance of the SingleSpan system and allows you to reduce or eliminate hanger wires.

SEISMIC INSTALLATIONS

3. The SPAN C-Channel and BERCSPAN adds seismic performance to the SingleSpan system.
4. For IAPMO engineered seismic installations, the Lateral Support Bar adds seismic performance to the SingleSpan system.

SINGLESPAN™

Acoustical Corridor Suspension System

LEED® WELL™ LBC

UP TO 63% RECYCLED CONTENT

Calculate sustainability with Green Genie™
armstrongceilings.com/greengenie

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

VISUAL SELECTION

PERFORMANCE

PACKAGING

	Item No.	Description	Dimensions (Inches)	HANGER SPACING LBS./LN. FT. 2 Ft.	4 Ft.	5 Ft.	6 Ft.	7 Ft.	8 Ft.	Main Beam O.C. Spacing	HANGER SPACING MAX LOAD IN LBS./SQ. FT. 4 Ft.	5 Ft.	6 Ft.	7 Ft.	8 Ft.	Seismic Category	CleanAssure™ Disinfectable Grid Fog	Spray	Wipe	Pieces/ Carton	Ln. Ft. Carton
SingleSpan™ Main Beams with PeakForm® Plus Prelude® 15/16"	**730144HRC**	144" Main Beam	144 × 15/16 × 2.44"	N/A	41.1	18.6	12.8	8.3	5.6	24"	20.55	9.3	6.4	4.15	2.8†	•	•	•	•	10	120
										48"*	10.27	4.65	3.2	2.07†	1.4†						
	730102HRC	102" Main Beam	102 × 15/16 × 2.44"	N/A	41.1	18.6	12.8	8.3	5.6	24"	20.55	9.3	6.4	4.15	2.8†	•	•	•	•	10	85
										48"*	10.27	4.65	3.2	2.07†	1.4†						
	730098HRC	98" Main Beam	98 × 15/16 × 2.44"	N/A	41.1	18.6	12.8	8.3	5.6	24"	20.55	9.3	6.4	4.15	2.8†	•	•	•	•	10	81.6
										48"*	10.27	4.65	3.2	2.07†	1.4†						

* Requires the use of XL7340 or similar load rating cross tee.
† Does not meet Intermediate Duty Equivalent System requirements.

Dots represent high level of performance.

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

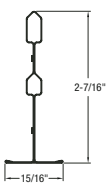
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Cross Tees** Prelude® XL® 15/16"	**XL7341**	4' Cross Tee	48 × 15/16 × 1-11/16"	N/A	16.59	N/A	N/A	N/A	N/A	N/A	N/A	•	•	•	•	60	240
	XL7342	4' Cross Tee	48 × 15/16 × 1-1/2"	N/A	9.00	N/A	N/A	N/A	N/A	N/A	N/A	N/A	•	•	•	60	240
	XL7340	4' Cross Tee	48 × 15/16 × 1-11/16"	N/A	12.25	N/A	N/A	N/A	N/A	N/A	N/A	N/A	•	•	•	60	240
	XL7328	2' Cross Tee	24 × 15/16 × 1-3/8"	40.45	N/A	N/A	N/A	N/A	N/A	N/A	N/A	•	•	•	•	60	120

**More cross tees available. SingleSpan® compatible with all Armstrong Suspension Systems depending on layout.

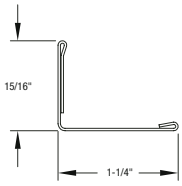
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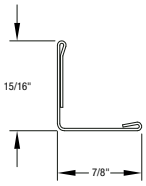
DETAILS For more information, see submittal BPCS-3344.



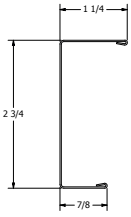
PRELUDE® PeakForm® Plus Main Beam



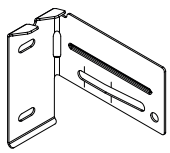
Structural Wall Angle 9854

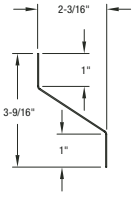


Structural Wall Angle 9878



SPAN C-Channel 7836


BERCSPAN Clip



Lateral Support Bar

TechLine 877 276-7876
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Armstrong® World Industries

SUSPENSION SYSTEMS – Standard

SINGLESPAN™

Acoustical Corridor Suspension System

LEED® WELL™ LBC

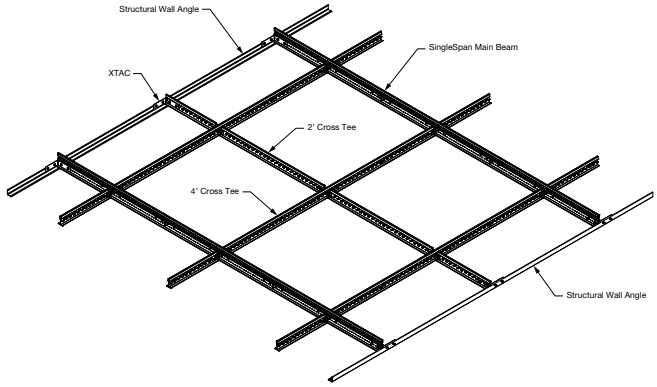
UP TO 63% RECYCLED CONTENT

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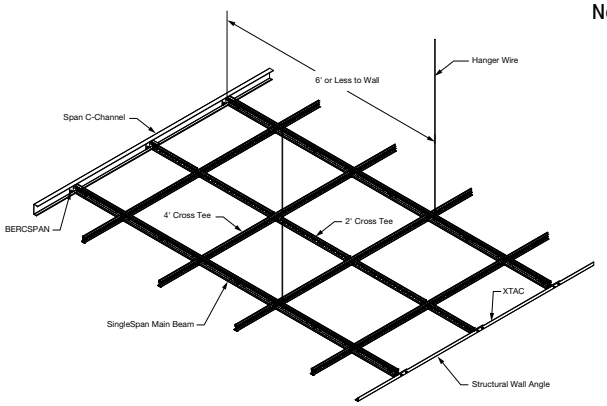
energy management	construction waste mgmt	regional materials	design for flexibility	EPD	recyclable/ extended producer resp.	biobased materials	recycled content	sourcing of raw materials	material ingredient reporting	low emitting/ materials	lighting quality	acoustics
	✓	✓	✓	✓			✓	✓				

▲ LOCATION DEPENDENT

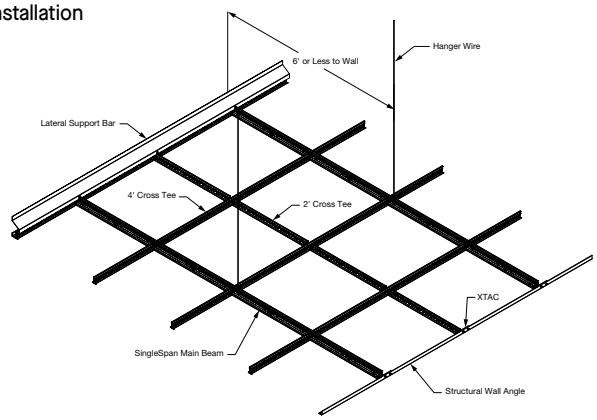
SUSPENSION SYSTEMS – Standard



Non-Seismic Installation



Typical Seismic Installation with SPAN C-Channel & BERCSPAN



Seismic Installation with Lateral Support Bar for HCAI/OSHPD Requirements

	Item No.	Description	Dimensions (Inches)	Pieces/ Carton	Ln. Ft./ Carton
SingleSpan Structural Wall Angle	**SWA9854HRC**	Structural Wall Angle	144 × 1-1/4 × 15/16"	12	144
	SWA9878HRC	Structural Wall Angle	144 × 7/8 × 15/16"	12	144

Structural wall angle is required when hanger wires are greater than 24" from the wall.

	Item No.	Description	Dimensions (Inches)	Pieces/ Carton	Ln. Ft./ Carton
SingleSpan Lateral Support Bar	**LSB4HRC**	48" Lateral Support Bar	48 × 2.16"	10	40
	LSB6HRC	72" Lateral Support Bar	72 × 2.16"	10	60
	LSB8HRC	96" Lateral Support Bar	96 × 2.16"	10	80
	LSB10HRC	120" Lateral Support Bar	120 × 2.16"	10	100
	LSB12HRC	144" Lateral Support Bar	144 × 2.16"	10	120
SingleSpan C-Channel	**7836**	SPAN C-Channel	144 × 7/8 × 2-3/4	12	144
Clips	**XTAC**	Cross Tee Adapter Clip	–	100	–
	BERC2	Beam End Retaining Clip	–	200	–
	BERCSPAN	Beam End Retaining Clip for SingleSpan	–	50	–

PHYSICAL DATA

Material
G30 hot-dipped galvanized steel

Surface Finish
Baked polyester paint or powder coated
Manufactured and tested in accordance with ASTM C635

Face Dimension
15/16"

Profile
Exposed tee

Installation Consideration
If pop riveting must be used on powder coated material, pre-drill with a sharp 1/8" drill bit to minimize potential paint chipping.

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 warrantied products or systems.

Cross Tee/Main Beam Interface
Override

End Detail
Main Beam: Staked-on clip
Cross Tee: Staked-on clip

Duty Classification
Intermediate or Heavy-duty

Cleaning & Disinfecting
Cleaning and CDC-approved disinfecting options available on armstrongceilings.com/cleaning

TechLine / 1 877 276-7876
armstrong.com/singlespan

BPCS-6919-926

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