

# SINGLESPAN™

## Acoustical Corridor Suspension System



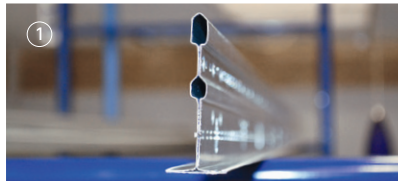
The SingleSpan™ System can eliminate hanger wires

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](http://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
- Seismically tested/approved suspension installation configuration (IAPMO certified, Evaluation Report #0244)
- Provides improved access to utilities in the plenum post-installation

### COLOR



### 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™ support system 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

# SINGLESPAN™

## Acoustical Corridor Suspension System

**LEED WELL LBC**

UP TO **63% RECYCLED CONTENT**

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

Calculate sustainability with Green Genie™  
armstrongceilings.com/greengenie

LOCATION DEPENDENT

### VISUAL SELECTION

### PERFORMANCE

### PACKAGING

Item No.	Description	Dimensions (Inches)	HANGER SPACING LBS./LFT				Main Beam O.C. Spacing	HANGER SPACING MAX LOAD IN LBS./SFT			Seismic Category	CleanAssure™ Disinfectable Grid				Pieces/ Carton	LFT/ Carton
			2 Ft.	4 Ft.	5 Ft.	6 Ft.		4 Ft.	5 Ft.	6 Ft.		Fog	Spray	Wipe			
SingleSpan™ Main Beams with PeakForm® Plus Prelude® 15/16"	730144HRC	144" Main Beam	144 x 15/16 x 2.44"	N/A	41.1	18.6	12.8	24" 48"	20.55 10.27	9.3 4.65*	6.4 3.2	•	•	•	•	10	120
	730102HRC	102" Main Beam	102 x 15/16 x 2.44"	N/A	41.1	18.6	12.8	24" 48"	20.55 10.27	9.3 4.65*	6.4 3.2	•	•	•	•	10	85
	730098HRC	98" Main Beam	98 x 15/16 x 2.44"	N/A	41.1	18.6	12.8	24" 48"	20.55 10.27	9.3 4.65*	6.4 3.2	•	•	•	•	10	81.6
StrongBack™ Compatible Heavy-duty Main Beam Options** Prelude® 15/16"	7301	12' HD Main Beam	144 x 15/16 x 1-11/16"	N/A	N/A	19.93	14.42	24" 48"	N/A	9.96 4.98*	7.21 3.60	•	•	•	•	20	240
	7501	12' HD Main Beam	144 x 9/16 x 1-11/16"	N/A	N/A	19.73	13.66	24" 48"	N/A	9.86 4.93*	6.85 3.42	•	•	•	•	20	240
Silhouette® 9/16"	7601	HD Main Beam 1/4" reveal	144 x 9/16 x 1-3/4"	N/A	N/A	18.4	14.78	24"	N/A	9.2	7.35	•	•	•	•	20	240
	76018	HD Main Beam 1/8" reveal	144 x 9/16 x 1-3/4"	N/A	N/A			48"		4.6*	3.67	•	•	•	•	20	240
Interlude® 9/16"	6101	12' HD Main Beam	144 x 9/16 x 1-3/4"	N/A	N/A	17.46	12.33	24" 48"	N/A	8.73 4.36*	6.16 3.08	•	•	•	•	20	240
StrongBack™ Support Hangers***	SB12	StrongBack Support Hanger	144 x 2 x 2"	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	•	•	•	12	144

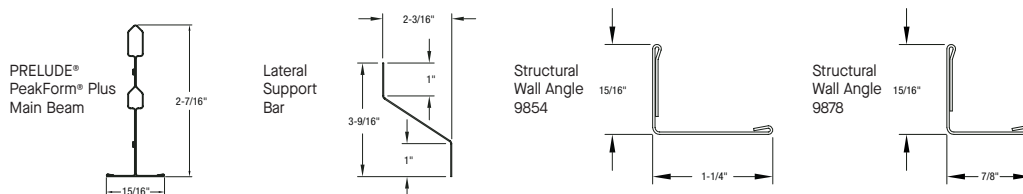
\* Requires the use of XL7340 or similar load rating cross tee.  
\*\* Use in combination with StrongBack support hanger.

\*\*\* Use in combination with 9/16" Heavy-duty Main Beams.

Dots represent high level of performance.

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

### DETAILS For more information, see submittal BPCS-3344.



# SINGLESPAN™

## Acoustical Corridor Suspension System

**LEED® WELL™ | LBC**

UP TO **63%** RECYCLED CONTENT

- energy management
- construction waste mgmt
- regional materials
- design for flexibility
- EPD

Calculate sustainability with Green Genie™ [armstrongceilings.com/greengenie](http://armstrongceilings.com/greengenie)

LOCATION DEPENDENT

### VISUAL SELECTION

### PERFORMANCE

### PACKAGING

Item No.	Description	Dimensions (Inches)	HANGER SPACING LBS./LFT				Main Beam O.C. Spacing	HANGER SPACING MAX LOAD IN LBS./SFT			CleanAssure™ Disinfectable Grid				Pieces/ Carton	LFT/ Carton		
			2 Ft.	4 Ft.	5 Ft.	6 Ft.		4 Ft.	5 Ft.	6 Ft.	Seismic Category DEF	Fog	Spray	Wipe				
Prelude® XL® 15/16"	<b>XL7341</b>	4' Cross Tee	48 x 15/16 x 1-11/16"	N/A	16.59	N/A	N/A	N/A	N/A	N/A	N/A	*	*	*	*	60	240	
	<b>XL7342</b>	4' Cross Tee	48 x 15/16 x 1-1/2"	N/A	9.00	N/A	N/A	N/A	N/A	N/A	N/A	N/A	*	*	*	60	240	
	<b>XL7340</b>	4' Cross Tee	48 x 15/16 x 1-11/16"	N/A	12.25	N/A	N/A	N/A	N/A	N/A	N/A	N/A	*	*	*	60	240	
	<b>XL7328</b>	2' Cross Tee	24 x 15/16 x 1-3/8"	40.45	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	*	*	*	*	60	120
Suprafine® XL® 9/16"	<b>XL7540</b>	4' Cross Tee	48 x 9/16 x 1-11/16"	N/A	10.34	N/A	N/A	N/A	N/A	N/A	N/A	N/A	*	*	*	60	240	
	<b>XL7541</b>	4' Cross Tee	48 x 9/16 x 1-11/16"	N/A	12.73	N/A	N/A	N/A	N/A	N/A	N/A	N/A	*	*	*	60	240	
	<b>XL7549</b>	4' Cross Tee	48 x 9/16 x 1-11/16"	N/A	16.00	N/A	N/A	N/A	N/A	N/A	N/A	N/A	*	*	*	60	240	
	<b>XL7520</b>	2' Cross Tee	24 x 9/16 x 1-1/2"	51.83	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	*	*	*	*	60	120
Silhouette® XL® 1/4" Reveal 9/16"	<b>XL7645</b>	4' Cross Tee (Center-notched, one side)	48 x 9/16 x 1-3/4"	N/A	12.00	N/A	N/A	N/A	N/A	N/A	N/A	N/A	*	*	*	*	60	240
	<b>XL7640</b>	4' Cross Tee (Unnotched)	48 x 9/16 x 1-3/4"	N/A	13.53	N/A	N/A	N/A	N/A	N/A	N/A	N/A	*	*	*	*	60	240
Silhouette XL 1/8" Reveal 9/16"	<b>XL7645B</b>	4' Cross Tee (Center-notched, one side)	48 x 9/16 x 1-3/4"	N/A	12.00	N/A	N/A	N/A	N/A	N/A	N/A	N/A	*	*	*	*	60	240
	<b>XL7620B</b>	2' Cross Tee (Unnotched)	24 x 9/16 x 1-3/4"	69.69	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	*	*	*	*	60	120
Interlude® XL® 9/16"	<b>XL6140</b>	4' Cross Tee	48 x 9/16 x 1-3/4"	N/A	12.60	N/A	N/A	N/A	N/A	N/A	N/A	N/A	*	*	*	*	60	240
	<b>XL6120</b>	2' Cross Tee	24 x 9/16 x 1-3/4"	66.89	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	*	*	*	*	60	120

\*\*\*\*More cross tees available. See specific suspension system pages in this catalog.

Dots represent high level of performance.

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

Item No.	Description	Dimensions (Inches)	Pieces/ Carton	LFT/ Carton	Item No.	Description	Dimensions (Inches)	Pieces/ Carton	LFT/ Carton		
SingleSpan™ Lateral Support Bar	<b>LSB4HRC</b>	48" Lateral Support Bar	48 x 2.16"	10	40	SingleSpan Structural Wall Angle	<b>SWA9854HRC</b>	Structural Wall Angle	144 x 1-1/4 x 15/16"	12	144
	<b>LSB6HRC</b>	72" Lateral Support Bar	72 x 2.16"	10	60		SingleSpan Structural Wall Angle	<b>SWA9878HRC</b>	Structural Wall Angle	144 x 7/8 x 15/16"	12
	<b>LSB8HRC</b>	96" Lateral Support Bar	96 x 2.16"	10	80						
	<b>LSB10HRC</b>	120" Lateral Support Bar	120 x 2.16"	10	100						
		<b>LSB12HRC</b>	144" Lateral Support Bar	144 x 2.16"	10	120					
Clips	<b>XTAC</b>	Cross Tee Adapter Clip	-	100	-						
	<b>BERC2</b>	Beam End Retaining Clip	-	200	-						

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

