SHORTSPAN®
Drywall Framing System

A FrameAll® Drywall Grid Solution

SUSTAIN™
High Performance Sustainable Ceiling Systems

ShortSpan drywall framing system, now with beaded bulb and knurled ridges

The fastest and easiest way to frame flat drywall ceilings up to 14' wide.

MADE IN THE USA

KEY SELECTION ATTRIBUTES

- ShortSpan® is part of the Sustain™ portfolio and meets the most stringent industry sustainability compliance standards today

ShortSpan Tee

- Eliminates hanger wires for spans up to 9'0" (tees every 16" O.C.)
- Easy, pre-engineered solution to support spans with no mid-span support (See ICC-ES ESR-1289)
- Select items available in High Recycled Content (HRC) (S7708, S7710, S7712, S7714): Total Recycled Content 61%, Post-consumer 53%, Pre-consumer 8%
- Knurled Ridges improve screw grab during board application
- Beaded bulb adds strength and load capacity
- **ScrewStop**™ reverse hem prevents screw spin-off and provides safer handling
- Balanced profile stays flat during installation
- Rotary stitching on double web adds strength and stability
- G40, .018" metal thickness meets ASTM C645

new **Custom Length ShortSpan**

- Made-to-order lengths from 5' to 14'
- Reduces waste and labor on the job site

ShortSpan Low Profile

- Lower 7/8" height provides a solution for crowded plenums

Locking Angle Molding (LAM)

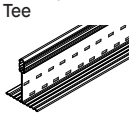
- Pre-engineered locking tabs punched 8" on center:
  - Eliminate measuring 16" or 24" O.C.
  - Locking tabs prevent lateral and upward movement
  - Eliminate screws, pop rivets, or crimpers needed to attach cross tees to molding
- Knurled surface on both flanges
- **ScrewStop**™ reverse hem
- Crimp marks at locking tabs for fast, easy alignment and layout
- 10-year limited warranty

TYPICAL APPLICATIONS

- Hospitals
- Projects with Post Tension Decks
- Condominiums
- Apartments
- Residences
- Dormitories
- Barracks
- Townhomes
- Restrooms
- Motels
- Hotels
- Villas
- Suites
- Corridors

VISUAL SELECTION

PACKAGING

	Item No.	Length	Height	PCS/ CTN	LF/ CTN	LOAD TEST DATA (LBS./LF) L/240 Simple Span 36"	48"	60"	72"	84"	96"	102"	108"
ShortSpan Tee 	S7708P S7708PHRC S7708PG90	96"	1-13/16"	12	96	N/A	36.7	19.1	11.2	7.2	4.8	N/A	N/A
	S7710P S7710PHRC S7710PG90	120"	1-13/16"	12	120	N/A	36.7	19.1	11.2	7.2	4.8	4.0	3.3
	S7712P S7712PHRC S7712PG90	144"	1-13/16"	12	144	N/A	36.7	19.1	11.2	7.2	4.8	4.0	3.3
	S7714P S7714PHRC S7714G90	168"	1-13/16"	12	168	N/A	36.7	19.1	11.2	7.2	4.8	4.0	3.3
new Custom Length ShortSpan Size Capabilities	Custom	5'-14'	1-13/16"	Varies	Varies	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
ShortSpan Low Profile	SLP7704	47-13/16"	7/8"	12	48	N/A	6.82	3.48	2.02	N/A	N/A	N/A	N/A
	SLP7705	59-13/16"	7/8"	12	60	N/A	6.82	3.48	2.02	N/A	N/A	N/A	N/A
	SLP7706	71-13/16"	7/8"	12	72	N/A	6.82	3.48	2.02	N/A	N/A	N/A	N/A
Quikstix™ Locking Pocket Main Beams	QSLPM12 QSLPM12G90	144"	1-1/2"	12	144	40.60	21.64	N/A	N/A	N/A	N/A	N/A	N/A
						L/360 Simple Span							
StrongBack™ Support Hanger	SB12P SB12PG90	144"	2"	12	144	27.53	17.76	N/A	N/A	N/A	N/A	N/A	N/A

Red Numbers are Fire Guard items.
Made-to-Order ShortSpan can be ordered in 5'-14' lengths to meet your projects needs in a 24-carton minimum. Lead time is 2-4 weeks order to ship.

TechLine 877 276-7876
armstrongceilings.com/shortspan

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UP TO 61% RECYCLED CONTENT

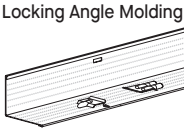
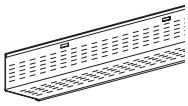
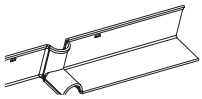
Calculate sustainability with Ecomedes armstrongceilings.com/ecomedes

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

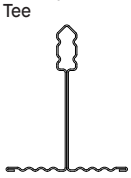
PACKAGING

	Item No.	Length	Height	Metal Thickness	PCS/ CTN	LF/ CTN
Locking Angle Molding 	**7858**	144"	15/16"	0.018"	20	240
	LAM12	144"	1-1/4"	0.018"	20	240
	LAM12HRC	144"	1-1/4"	0.018"	20	240
	LAM151220E	144"	1-1/2"	0.028"	10	120
Knurled Angle Molding 	**KAM10**	120"	1-1/4"	0.018"	10	100
	KAM12	144"	1-1/4"	0.018"	10	120
	KAM12G90	144"	1-1/4"	0.018"	10	120
	KAM1510	120"	1-1/2"	0.018"	10	100
	KAM1512	144"	1-1/2"	0.018"	10	120
	KAM151020E	120"	1-1/2"	0.028"	10	100
	KAM151220E	144"	1-1/2"	0.028"	10	120
	KAM151020	120"	1-1/2"	0.033"	10	100
	KAM1525G90	120"	1-1/2"	0.018"	10	100
	KAM1520G90	120"	1-1/2"	0.033"	10	100
	KAM21025	120"	2"	0.018"	10	100
	KAM21020EQ	120"	2"	0.028"	10	100
	KAM21020	120"	2"	0.033"	10	100
SimpleCurve® KAM 	**SC151220EQ** (37" Radius)	148"	1-1/2"	0.028"	10	124
	SC151225 (32" Radius)	148"	1-1/2"	0.018"	10	124
	SC21220EQ (55" Radius)	148"	2"	0.028"	10	124
	SC21225 (40" Radius)	148"	2"	0.018"	10	124

NOTE: .018" metal thickness meets ASTM C645 for framing

MAXIMUM ALLOWABLE LOAD @ L/240 DEFLECTION, LBS/SF

(120" - 168" SPANS REQUIRE A MID-SPAN SUPPORT)

	O.C. Spacing	48" Span LBS/SF	60" Span LBS/SF	72" Span LBS/SF	84" Span LBS/SF	96" Span LBS/SF	102" Span LBS/SF	108" Span LBS/SF	120" Span LBS/SF	144" Span LBS/SF	168" Span LBS/SF
ShortSpan® Tee 	8"	N/A	28.6	16.8	10.8	7.2	6.0	4.9	28.6	16.8	10.8
	16"	27.5	14.3	8.4	5.4	3.6	3.0	2.4	14.3	8.4	5.4
	24"	18.3	9.5	5.6	3.6	2.4	2.0	1.6	9.5	5.6	3.6
ShortSpan Low Profile	16"	5.12	2.61	1.52	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	24"	3.41	1.74	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

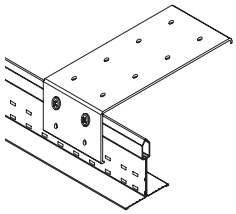
NOTE: Use of KAM or LAM is required to achieve load listed above

ACCESSORIES

QSUTC – QuikStix Uptight Clip – Saves time in tight plenum areas and is adjustable to uneven surfaces.

QSUTC – 100 PCS

FZQSUTC – 50 PCS



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FRAMEALL® DRYWALL GRID – Standard

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UP TO 61% RECYCLED CONTENT

Calculate sustainability with Ecomedes armstrongceilings.com/ecomedes

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

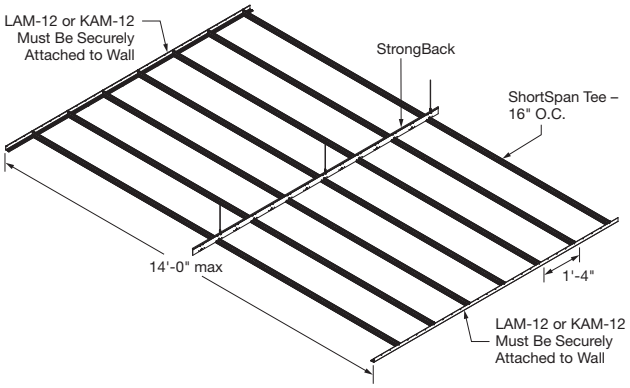
▲ LOCATION DEPENDENT

FRAMEALL® DRYWALL GRID – Standard

INSTALLATION NOTES

1. Must screw LAM and KAM to wall structure using #8 screw, minimum, and use the proper screw type and length for the application
2. ShortSpan® tees must be cut within 1/4" of the vertical leg of the LAM and QSLPM.
3. Slide StrongBack™ over the bulb of ShortSpan tee or engage by bending locking tabs back to original position.
4. Support and level system to structure; attach vertical supports to StrongBack as required.
5. The ShortSpan system was installed per these installation notes to produce the load data provided in the chart above.

NOTE: For fire resistant installations, refer to UL® Directory and Designs for details.

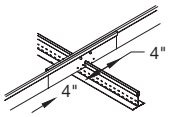


ShortSpan® Vertical Support Requirements

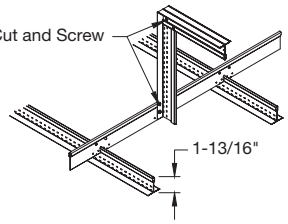
Tees installed 16" O.C. with 5/8" or 1/2" drywall (Seismic Design Categories A, B, C, D, E,F)	
Up to 108" span	No vertical support required
108" to 168" span	Mid-span vertical support required
Tees installed 24" O.C. with 5/8" drywall (Seismic Design Categories A, B, C, D, E, F)	
Up to 96" span	No vertical support required
96" to 168" span	Mid-span vertical support required

No Additional Screws Requirements For Seismic Areas

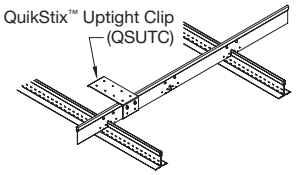
There's no need to screw ShortSpan Tees to Locking Angle Molding in Seismic Design Categories A-F (unless required by local code).



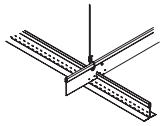
StrongBack Overlap Splice



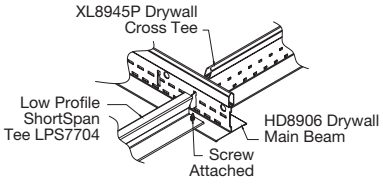
300 lbs. pullout strength on the StrongBack connection to ShortSpan Tee Bulb



StrongBack attached to structure using the QuikStix Uptight Clip



StrongBack attached to structure using Hanging Wire



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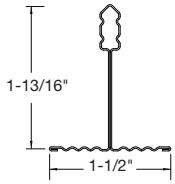
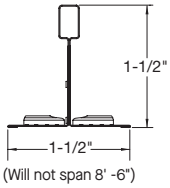
	✓	✓	✓	✓			✓	✓	✓	✓		

▲ LOCATION DEPENDENT

DETAILS

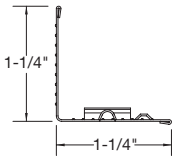


ShortSpan® Tee

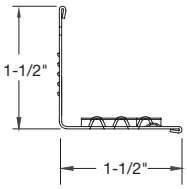


(Will not span 8' -6")

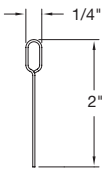
QuickStix™ Locking Pocket Main



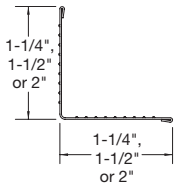
Locking Angle Molding
LAM12



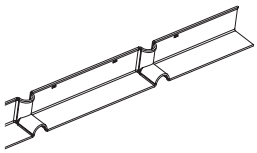
Locking Angle Molding
LAM22



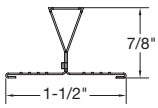
StrongBack™ Support Hanger



KAM



SimpleCurve® KAM



Low Profile ShortSpan

PHYSICAL DATA

Material
Hot-dipped galvanized steel

Surface Finish
Unpainted steel

Face Dimension
1-1/2" T-bar section

Fire Resistance
Resistive when used in applicable UL fire resistive designs D501, D502, G523, G524, G526, G527, G528, G529, G531, G553, J502, L502, L508, L513, L515, L525, L526, L529, L564, P501, P506, P507, P508, P509, P510, P513, P514. (QSUTC, QSLPM12 are not fire-rated.)

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BPCS-3639-525

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