



FrameAll Drywall Grid for flat and curved ceilings.

The fastest and easiest way to frame flat drywall ceilings up to 17' wide.



KEY SELECTION ATTRIBUTES

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

ShortSpan Cross Tees

- Eliminates hanger wires for spans up to 8'-6"
- Easy, pre-engineered solution to support spans up to 8'-6" with no mid-span support (See ICC-ES ESR-2311 Sections 4.2.3. & 4.2.4)
- Select items available in High Recycled Content (HRC) (S7708, S7710, S7712, S7714): Total Recycled Content 61%, Post-consumer 53%, Pre-consumer 8%
- **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

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
- **SimpleCurve™** bend to create curves as tight as 52"

TYPICAL APPLICATIONS

- Condominiums
- Apartments
- Residences
- Dormitories
- Barracks
- Townhomes
- Restrooms
- Motels
- Hotels
- Villas
- Suites
- Corridors

VISUAL SELECTION

	Item No.	Length	Height
 ShortSpan Cross Tees	S7708P S7708PHRC S7708PG90	96"	1-13/16"
	S7710P S7710PHRC S7710PG90	120"	1-13/16"
	S7712P S7712PHRC S7712PG90	144"	1-13/16"
	S7714P S7714PHRC S7714G90	168"	1-13/16"
 ShortSpan Low Profile	SLP7704	47-13/16"	7/8"
	SLP7705	59-13/16"	7/8"
	SLP7706	71-13/16"	7/8"
Quikstix™ Locking Pocket Main Beams	QSLPM12 QSLPM12G90	144"	1-1/2"
StrongBack™ Support Hanger	SB12P SB12PG90	144"	2"

PACKAGING

PCS/CTN	LF/CTN
12	96
12	120
12	144
12	168
12	48
12	60
12	72
12	144
12	144

LOAD TEST DATA (LBS./LF)
L/240
Simple Span

36"	48"	60"	72"	84"	90"	96"	102"
N/A	31.76	14.18	10.49	5.84	5.54	4.43	3.37
N/A	31.76	14.18	10.49	5.84	5.54	4.43	3.37
N/A	31.76	14.18	10.49	5.84	5.54	4.43	3.37
N/A	31.76	14.18	10.49	5.84	5.54	4.43	3.37
N/A	6.82	3.48	2.02	N/A	N/A	N/A	N/A
N/A	6.82	3.48	2.02	N/A	N/A	N/A	N/A
N/A	6.82	3.48	2.02	N/A	N/A	N/A	N/A
40.60	21.64	N/A	N/A	N/A	N/A	N/A	N/A
L/360 Simple Span							
27.53	17.76	N/A	N/A	N/A	N/A	N/A	N/A

Red Numbers are Fire Guard items.

SHORTSPAN®

Drywall Framing System



LEED WELL LBC

UP TO **61% RECYCLED CONTENT**

energy management
construction waste mgmt
regional materials
design for flexibility

Calculate sustainability with Green Genie™
armstrongceilings.com/greengenie

LOCATION DEPENDENT

VISUAL SELECTION

	Item No.	Length	Height	Metal Thickness
	7858	144"	15/16"	0.018"
	LAM12	144"	1-1/4"	0.018"
	LAM12HRC	144"	1-1/4"	0.018"
	LAM151220E	144"	1-1/2"	0.028"
	KAM10	120"	1-1/4"	0.018"
	KAM12	144"	1-1/4"	0.018"
	KAM12G90	144"	1-1/4"	0.018"
	KAM1510	120"	1-1/2"	0.018"
	KAM1512	144"	1-1/2"	0.018"
	KAM151020E	120"	1-1/2"	0.028"
	KAM151220E	144"	1-1/2"	0.028"
	KAM151020	120"	1-1/2"	0.033"
	KAM1525G90	120"	1-1/2"	0.018"
	KAM1520G90	120"	1-1/2"	0.033"
	KAM21025	144"	2"	0.018"
	KAM21020EQ	120"	2"	0.028"
	KAM21020	120"	2"	0.033"
		SC151220EQ (37" Radius)	148"	1-1/2"
SC151225 (32" Radius)		148"	1-1/2"	0.018"
SC21220EQ (55" Radius)		148"	2"	0.028"
SC21225 (40" Radius)		148"	2"	0.018"

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

PACKAGING

PCS/CTN	LF/CTN
20	240
20	240
20	240
20	120
10	100
10	120
10	120
10	100
10	120
10	100
10	100
10	100
10	100
10	100
10	100
10	100
10	124
10	124
10	124
10	124

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

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

Item No.	O.C. Spacing	48" Span LBS/SF	60" Span LBS/SF	72" Span LBS/SF	84" Span LBS/SF	90" 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® Cross Tee	S77_P 8"	N/A	21.27	15.74	8.76	8.31	6.65	5.06	4.46	21.27	15.74	8.76
	S77_P 16"	23.82	10.64	7.87	4.38	4.16	3.32	2.53	2.23	10.64	7.87	4.38
	S77_P 24"	15.88	7.09	5.25	2.92	2.77	2.22	1.69	N/A	7.09	5.25	2.92
ShortSpan Low Profile	SLP77_ 16"	5.12	2.61	1.52	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	SLP77_ 24"	3.41	1.74	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

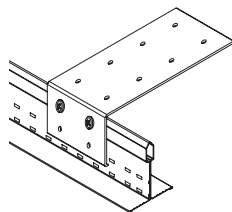
Red Numbers are Fire Guard items. NOTE: 5/8" drywall weighs 2.4 lbs./SF (tees installed 8" or 16" or 24" O.C.) 1/2" drywall weighs 2.0 LBS/SF (tees installed 16" O.C., maximum)
◆ Enter appropriate cross tee length 8", 10", 12" or 16" (e.g. S77 0 8 P)

ACCESSORIES

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

QSUTC - 100 PCS

FZQSUTC - 50 PCS



SHORTSPAN® Drywall Framing System



Declare.

UP TO **61% RECYCLED CONTENT**

LEED WELL LBC

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

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INSTALLATION NOTES

1. Must screw LAM12 and KAM12 to wall structure using #8 × 1-1/4" wafer head self-drill sheet metal screws tested in 25- and 20-gauge steel studs.
2. ShortSpan® tees must be cut within 1/8" of the vertical leg of the LAM and QSLPM.
3. Slide StrongBack™ over the bulb of ShortSpan tee and 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.

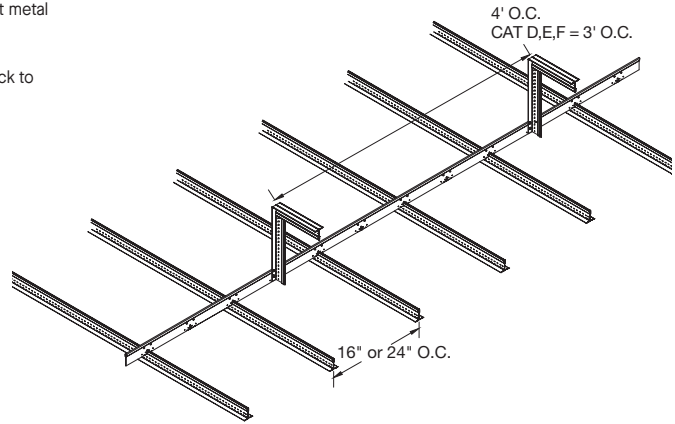
ShortSpan® Vertical Support Requirements

Tees installed 16" O.C. with 5/8" or 1/2" drywall (Seismic Design Categories A, B, C, D, E, F)

Up to 102" span	No vertical support required
102" 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)

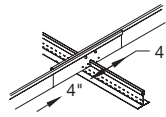
Up to 90" span	No vertical support required
90" to 168" span	Mid-span vertical support required



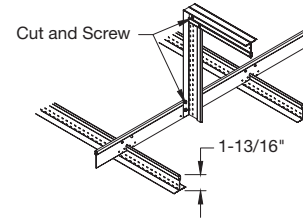
No Additional Screws Requirements For Seismic Areas



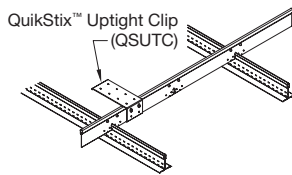
There's no need to screw ShortSpan Tees to Locking Angle Molding in Seismic Design Categories A-F (unless required by local code).



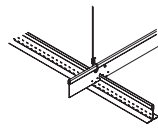
StrongBack Overlap Splice



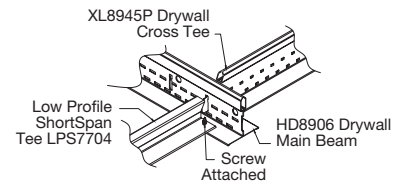
300 lbs. pullout strength on the StrongBack connection to ShortSpan Tee Bulb



StrongBack attached to structure using the QuikStix Uptight Clip



StrongBack attached to structure using Hanging Wire



SHORTSPAN® Drywall Framing System



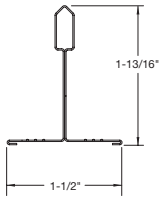
LEED® WELL | LBC
UP TO 61% RECYCLED CONTENT

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
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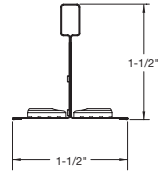
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LOCATION DEPENDENT

DETAILS

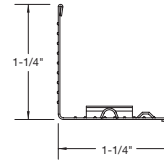


ShortSpan® Tee

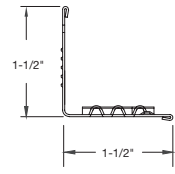


(Will not span 8' -6")

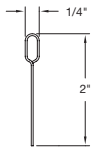
QuickStix™ Locking Pocket Main



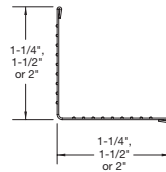
Locking Angle Molding
LAM12



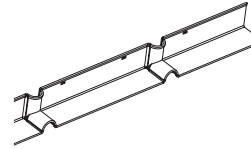
Locking Angle Molding
LAM22



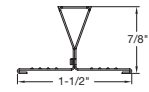
StrongBack™ Support Hanger



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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