QUIKSTIX™ Soffits

Drywall Soffit Framing System

Declare℠ Living Building Challenge Compliant

SUSTAIN® High Performance Sustainable Ceiling Systems

61% 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

QuikStix™ soffits are the faster, easier, better way to frame drywall soffits. Designed to significantly reduce time and labor associated with cutting & measuring, Quikstix soffits can be direct attached or suspended from the deck.

KEY SELECTION ATTRIBUTES

- Knockouts at 6" and 8" centers reduce cutting time
- Alignment holes make screw installation simple
- Forms perfect 30°, 45°, 60°, 75° and 90° angles
- Flattened bulb is offset to allow true angles without interference; bending crimp prevents misalignment.
- 90° angle fits locking angle molding (LAM12)

Locking Angle Molding

- Faster, more accurate solution
- Pre-engineered locking tabs punched 8" on center:
  - Eliminate measuring 16" or 24"
  - Locking tabs prevent lateral and upward movement
  - Eliminate screws, pop rivets, or crimpers needed to attach tees to molding
- Knurled surface on both flanges
- **ScrewStop™** reverse hem prevents screw spin off and provides safer handling
- Crimp marks at locking tabs for fast, easy alignment
- 10-year limited warranty

VISUAL SELECTION

Item Number	Description	Dimensions (Inches)	Rout Spacing	Load Test Data (Lbs./Lin. Ft.) L/240	Packaging Pcs./Ctn.	Lin. Ft./Ctn.
QuickStix Tees						
☐ **QS612** ☐ **QS612G90**	12' Tee (Knockouts 6" O.C.)	144" x 1-1/2" x 1-1/2"	6" O.C.	2.84 @ 4'	12	144
☐ **QS812** ☐ **QS812G90**	12' Tee (Knockouts 8" O.C.)	144" x 1-1/2" x 1-1/2"	8" O.C.	3.30 @ 4'	12	144
Drywall Cross Tees						
☐ **XL8965** ☐ **XL8965HRC**	6' Tee Drywall Cross Tee	72" x 1-1/2" x 1-1/2"	6 routs – starting 24" from each end	4.68 @ 6'	36	216
☐ **XL8947P**	50" Drywall Cross Tee	50 x 1-1/2 x 1-1/2"	8 routs – starting 10" from each end – for Type F light fixtures	12.79 @ 50"	36	150
☐ **XL8945P** ☐ **XL8945PHRC**	4' Drywall Cross Tee	48 x 1-1/2 x 1-1/2"	9 routs – center rout and starting 10" from each end – for Type F light fixtures	14.27 @ 4'	36	144
☐ **XL7936G90**	3' Drywall Cross Tee	36 x 1-1/2 x 1-1/2"	None	31.33 @ 3'	38	108
☐ **XL8926**	2' Drywall Cross Tee	24 x 1-1/2 x 1-1/2"	3 routes – center rout and 10" from each end	90.25 @ 2'	36	78

* NOTE: All load test data based on flat installation per ASTM C635.

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

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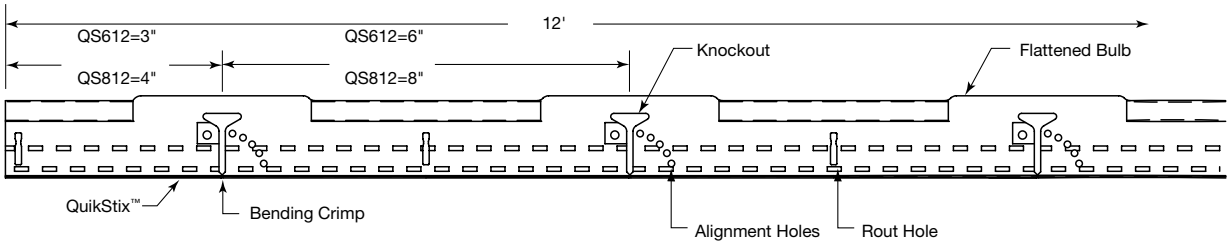
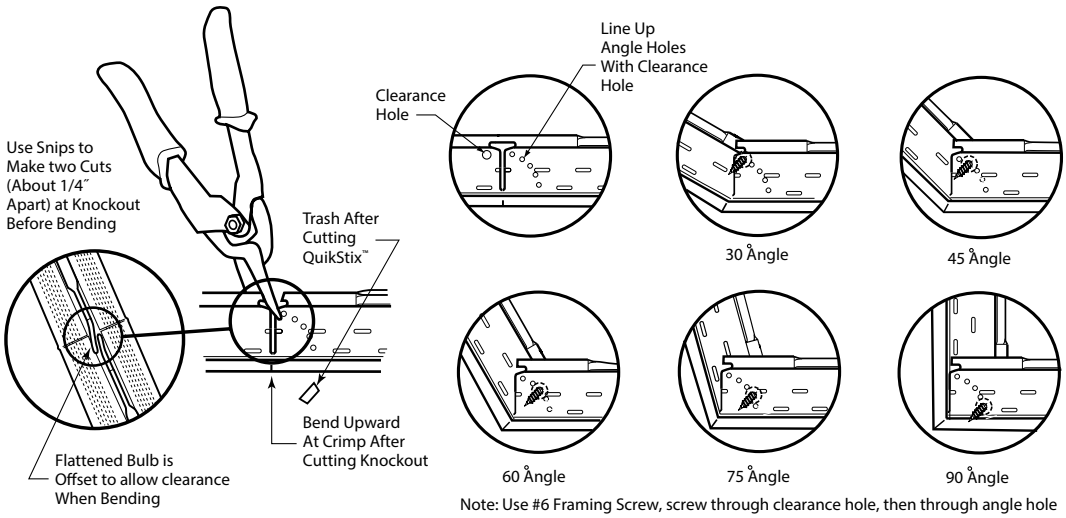
VISUAL SELECTION

Item Number	Face Flange	Description	Dimensions (Inches)	Packaging Pcs.	Lin. Ft.
Moldings					
☐ **7838**	1-9/16"	10' Unhemmed channel molding	120 x 3/4 x 1-9/16"	20	200
☐ **7858**	15/16"	12' Reverse angle molding	144 x 1-9/16 x 15/16"	20	240
☐ **LAM12**	1-1/4"	12' Nominal locking angle molding, locking tabs 8" on center, starting 4" from each end	144 x 1-1/4 x 1-1/4"	10	240
☐ **LAM12HRC**	1-1/4"	12' Nominal locking angle molding, locking tabs 8" on center, starting 4" from each end	144 x 1-1/4 x 1-1/4"	10	240
☐ **KAM10**	1-1/4"	10' Knurled Angle Molding – (.018 metal thickness)	120 x 1-1/4 x 1-1/4"	10	100
☐ **KAM12**	1-1/4"	12' Knurled Angle Molding – (.018 metal thickness)	144 x 1-1/4 x 1-1/4"	10	120
☐ **KAM12G90**	1-1/4"	12' Knurled Angle Molding – G90 galvanized steel coating (.018 metal thickness)	144 x 1-1/4 x 1-1/4"	10	120
☐ **KAM12HRC**	1-1/4"	12' Knurled Angle Molding – High Recycled Content (.018 metal thickness)	144 x 1-1/4 x 1-1/4"	10	120
☐ **KAM1510**	1-1/2"	10' Knurled Angle Molding – (.018 metal thickness)	120 x 1-1/2 x 1-1/2"	10	100
☐ **KAM1512**	1-1/2"	12' Knurled Angle Molding – (.018 metal thickness)	144 x 1-1/2 x 1-1/2"	10	120
☐ **KAM151020E**	1-1/2"	10' Knurled Angle Molding – (.028 metal thickness)	120 x 1-1/2 x 1-1/2"	10	100
☐ **KAM151020**	1-1/2"	10' Knurled Angle Molding – (.033 metal thickness)	120 x 1-1/2 x 1-1/2"	10	100
☐ **KAM21025**	2"	10' Knurled Angle Molding – (.018 metal thickness)	120 x 2 x 2"	10	100
☐ **KAM21020EQ**	2"	10' Knurled Angle Molding – (.028 metal thickness)	120 x 2 x 2"	10	100
☐ **KAM21020**	2"	10' Knurled Angle Molding – (.033 metal thickness)	120 x 2 x 2"	10	100
new ☐ **SC151220EQ**	1-1/2"	12' x 1.5" SimpleCurve™ Knurled Angle Molding – (.028" metal thickness)	148 x 1-1/2 x 1-1/2"	10	124
new ☐ **SC151225**	1-1/2"	12' x 1.5" SimpleCurve™ Knurled Angle Molding – (.018" metal thickness)	148 x 1-1/2 x 1-1/2"	10	124
new ☐ **SC21220EQ**	2"	12' x 2" SimpleCurve™ Knurled Angle Molding – (.028" metal thickness)	148 x 2 x 2"	10	124
new ☐ **SC21225**	2"	12' x 2" SimpleCurve™ Knurled Angle Molding – (.018" metal thickness)	148 x 2 x 2"	10	124

INSTALLATION NOTES: CUTTING AND CREATING ANGLES WITH QUIKSTIX MAIN BEAMS

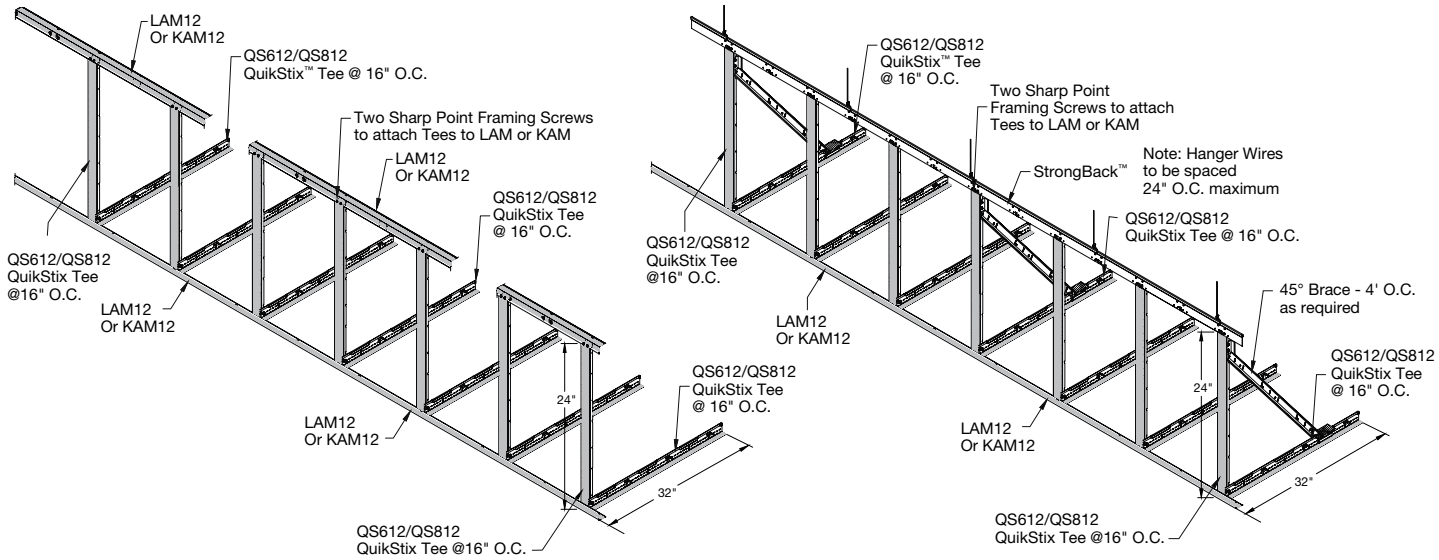




Note: Use #6 Framing Screw, screw through clearance hole, then through angle hole

QUIKSTIX™ Soffits

Drywall Soffit Framing System



QuikStix at 16" or 24" o.c. (No Cross Tees)

Horizontal Soffit Span	16	24	32	36	48
Allowable Vertical Soffit Drop (in)*	32	24	16	12	0
On-Center Spacing	**Allowable Load (lb/ft²)**				
QS612 @ 16" O.C.	15.98	11.87	8.19	5.3	2.84
QS612 @ 24" O.C.	10.65	7.92	5.46	3.53	

* If vertical drop exceeds the allowable distance for an associated horizontal span, a hanger wire must be added.

QUIKSTIX WITH CROSS TEES

Horizontal Soffit Span	16	24	32	36
Allowable Vertical Soffit Drop (in)*	32	24	16	12
On-Center Spacing	**Allowable Load (lb/ft²)**			
24	10.65	7.92	5.46	3.53
26	9.83	7.31	5.04	3.26
36	7.1	5.28	3.64	
48	5.33	3.96	2.73	
50	5.11	3.8	2.61	
60	4.26	3.17		
72	3.55	2.64		

* If vertical drop exceeds the allowable distance for an associated horizontal span, a hanger wire must be installed.
This chart is generated from load capacities of QS612.
On-Center Spacing is the same as Cross Tee Length.
Example: If spanning 36" horizontally, the vertical drop must not exceed 12" unless a hanger wire is installed.
Example: Never span 48" horizontally with QuikStix unless framed at 16" on center.

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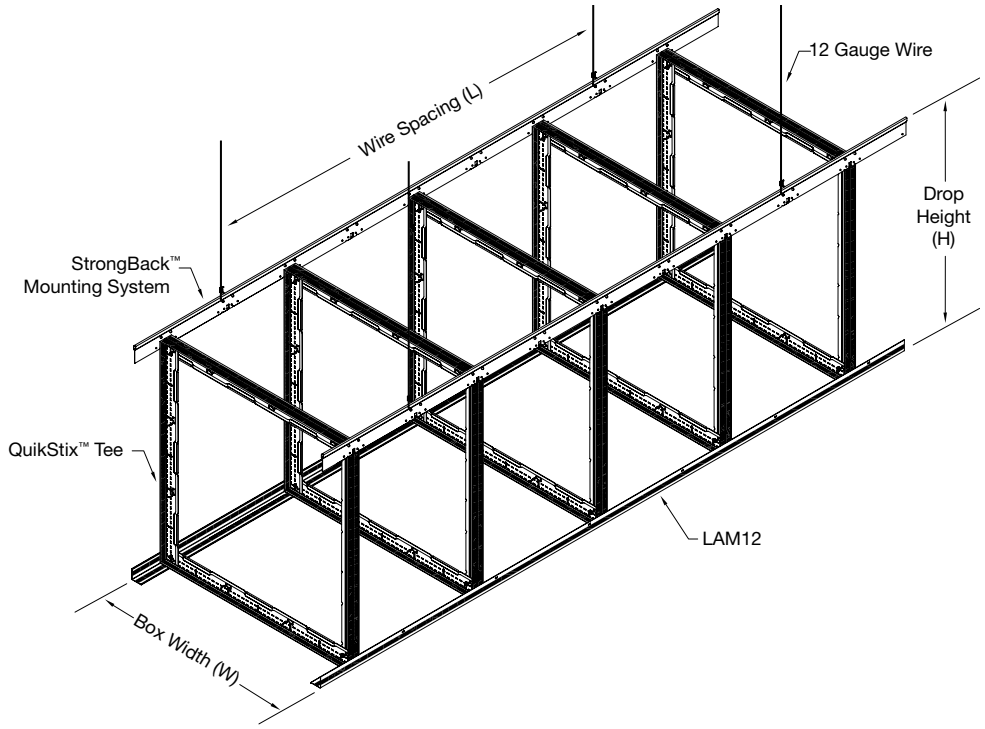
Drywall Soffit Framing System



QuikStix Box Drop Height Limitation Table

QuikStix Width (W)	StrongBack™ Wire Spacing (L)	32"	36"	40"	48"
		QuikStix Box Drop Height (H)			
1'		9'– 9"	8'– 6"	7'	4'– 6"
2'		9'– 3"	8'	6'– 6"	4'
3'		8'– 9"	7'– 6"	6'	3'– 6"
4'		8'– 3"	7'	5'– 6"	3'

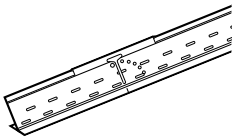
MAXIMUM PER COMPONENT LOAD IN LBS/SF (L/240 PER ASTM C645)

Item	Wires 48" O.C./Tees 16" O.C.	Wires 36" O.C./Tees 16" O.C.
☐ **QS612**	2.84 (Lbs/SF) (1 Layer of 5/8" Drywall)	5.25 (Lbs/SF) (2 Layers of 5/8" Drywall)
☐ **QS812**	3.30 (Lbs/SF) (1 Layer of 5/8" Drywall)	5.58 (Lbs/SF) (2 Layers of 5/8" Drywall)

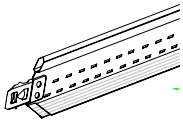
Note: 5/8" drywall weighs 2.4 lbs/SF or less. 1/2" drywall weighs 2.0 lbs/SF or less.
Fixtures should be independently supported. For other combinations, consult TechLine at 1 877 276 7876.
Note: Additional bracing may be required if ladders will be placed on vertical face of soffit.

DETAILS

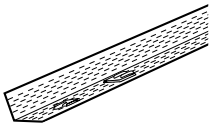
QS612 - 12' Tee – (Knockouts 6" O.C.)
QS812 - 12' Tee – (Knockouts 8" O.C.)



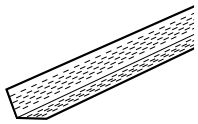
Drywall Cross Tees



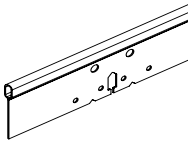
LAM12 – 12' Locking Angle Molding (Locking Tabs 8" O.C.)



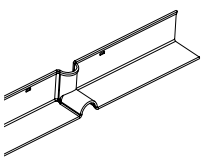
KAM – Knurled Angle Molding



SB12 – 144" StrongBack™ Mounting System



SimpleCurve™



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