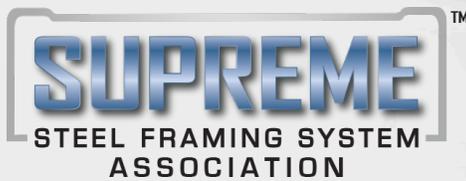


SCAFCO TECHNICAL UPDATE

COMPOSITE ASSEMBLIES WITH SLOTTED TRACK



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SCAFCO Technical Update:

Topic: Composite Wall Assemblies with Slotted Deflection Track at the Head-of-Wall

This technical update is meant to serve as an industry update to address the question: “Can the SCAFCO/SSMA composite limiting wall height values be used, when the wall assembly includes slotted track at the head of wall?”.

Composite Limiting Heights, such as those presented in the SCAFCO/SSMA Product Technical Guide, and the SCAFCO/SSFSA Supreme Product Catalog are acceptable for use with slotted track installed at the head of wall, so long as the appropriate slotted track is used to meet the assembly wall height. For the proper selection of the slotted track product, the allowable loads and allowable wall heights of the Slotted Track should be evaluated. This information can be found in the SCAFCO Slotted Track and Seismic Drift Track Catalog, or the Third-Party Certification report for SCAFCO Slotted Track, IAPMO ER-0283.

The determination that the composite limiting wall heights are acceptable with the use of slotted track at the head of wall, is supported by both engineering analysis for the composite wall end reaction testing (base and head of wall) in comparison to the slotted track head of wall end reaction testing, as well as through lab tested composite wall assemblies which used slotted track at the head of wall. The Supreme Steel Framing System Association (SSFSA), under third party engineer supervision, completed numerous tests of composite wall assemblies, which resulted in no significant change to the composite wall heights currently presented and approved in ICC ER 3064 (SSMA) and IAPMO ER 0313 (SSFSA).

This technical document is to serve as an industry update, and applies to all current technical guides and catalogs as presented by SCAFCO, the SSMA, and the SSFSA in regards to composite limiting wall heights, and their approval for use with slotted track at the head of wall.

COMPOSITE ASSEMBLIES

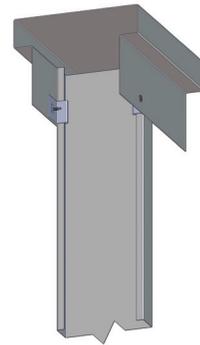
Composite limiting wall heights can be used when walls are sheeted with gypsum board on both flanges of the stud, for the full height of the wall. Composite wall heights are obtained from testing, in accordance with ICC AC86. The orientation of the gypsum board for a composite wall assembly can be vertical or horizontal, so long as the gypsum board is applied to both sides of the wall and for the full height of the studs.

Products that are acceptable for the head of wall attachment of a composite wall, beyond standard track, are listed below:



DEEP LEG TRACK (FIRE TRACK)

Deep Leg Track, also known as Solid-Leg Deflection Track as well as Deflection Fire Track type products are acceptable methods of head of wall attachment for composite wall assemblies. These assemblies are listed in numerous UL head of wall (HWD) listings, designed to accommodate a system to encompass head-of-wall deflection and fire ratings. Please see SCAFCO's Catalog 400 for more details.



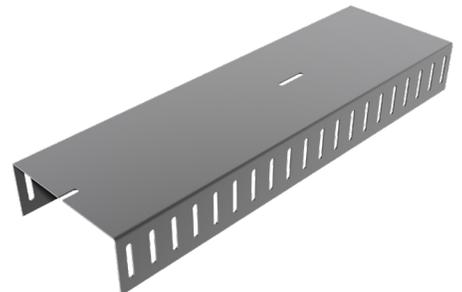
TRACK-IN-TRACK

A Track-in-Track Deflection System (TTDS) is a two-piece assembly that accommodates deflection at the head of wall. The outer track is made with deep legs and a wider web to slip over the top of a typical deep leg track that is secured to the studs. Track-in-Track assemblies can be used for head of wall deflection, as well as when the allowance for drift of the head of wall is desired. Please see SCAFCO's Catalog 400 for more details.



SLOTTED LEG TRACK

Slotted Track is the industry preferred system for achieving head-of-wall deflection and fire-rated assemblies for interior and exterior walls. Slotted Track was designed to replace the above assemblies as a more efficient product to install. Slotted Track is included in numerous UL head of wall fire rated assemblies, and is approved for use in composite walls. For more information, please see the SCAFCO Slotted Track and Seismic Drift Track Catalog, or the Third-Party Certification report for SCAFCO Slotted Track, IAPMO ER-0283.



INTERIOR WALL HEIGHTS - COMPOSITE

Table Notes

1. Allowable composite limiting heights are calculated using ICC-ES AC86-2012.
2. No fasteners are required for attaching the stud to the track.
3. Stud end bearing must be a minimum of 1 inch.
4. Composite limiting heights are based on a single layer of 5/8" type X gypsum board installed to both sides of the wall over full height using minimum No. 6 Type S Drywall screws spaced a maximum of 12" oc for studs at 24" spacing, and 16" oc for studs at 16" and 12" spacing.

Section	Fy (ksi)	Spacing (in) oc	5 psf			7.5 psf			10 psf		
			L/120	L/240	L/360	L/120	L/240	L/360	L/120	L/240	L/360
162S125-18	33	12	13' 0" f	11' 1"	9' 10"	10' 8" f	9' 8"	8' 7"	9' 3" f	8' 9"	7' 9"
		16	11' 3" f	10' 1"	8' 11"	9' 3" f	8' 9"	7' 9"	8' 0" f	7' 11"	-
		24	9' 3" f	8' 9"	7' 9"	-	-	-	-	-	-
162S125-30	33	12	14' 11"	11' 10"	10' 4"	13' 1"	10' 4"	8' 11"	11' 10"	9' 4"	7' 11"
		16	13' 7"	10' 9"	9' 4"	11' 10"	9' 4"	7' 11"	10' 9"	8' 3"	-
		24	11' 10"	9' 4"	7' 11"	10' 4"	7' 11"	-	9' 4"	-	-
250S125-18	33	12	16' 4" f	14' 2"	12' 9"	13' 4" f	12' 4"	11' 2"	11' 7" f	11' 3"	10' 2"
		16	14' 2" f	12' 10"	11' 7"	11' 7" f	11' 3"	10' 2"	10' 0" f	10' 0" f	9' 0"
		24	11' 7" f	11' 3"	10' 2"	9' 5" f	9' 5" f	8' 6"	8' 2" f	8' 2" f	-
250S125-30	33	12	18' 5"	15' 10"	14' 1"	16' 1"	13' 10"	12' 4"	14' 7"	12' 7"	11' 2"
		16	16' 9"	14' 5"	12' 10"	14' 7"	12' 7"	11' 2"	13' 3"	11' 5"	10' 2"
		24	14' 7"	12' 7"	11' 2"	12' 9"	11' 0"	9' 9"	11' 7"	10' 0"	8' 8"
250S125-33	33	12	19' 8"	15' 8"	13' 8"	17' 3"	13' 8"	11' 11"	15' 8"	12' 5"	10' 10"
		16	17' 11"	14' 3"	12' 5"	15' 8"	12' 5"	10' 10"	14' 3"	11' 3"	9' 10"
		24	15' 8"	12' 5"	10' 10"	13' 8"	10' 10"	9' 5"	12' 4" f	9' 10"	8' 4"
350S125-18	33	12	18' 3" f	16' 4"	14' 4"	14' 11" f	14' 4"	12' 6"	12' 11" f	12' 11" f	11' 4"
		16	15' 10" f	14' 10"	13' 0"	12' 11" f	12' 11" f	11' 4"	11' 2" f	11' 2" f	10' 3"
		24	12' 11" f	12' 11" f	11' 4"	10' 7" f	10' 7" f	9' 11"	9' 2" f	9' 2" f	9' 0"
350S125-30	33	12	22' 6"	17' 11"	15' 8"	19' 8"	15' 8"	13' 8"	17' 11"	14' 2"	12' 4"
		16	20' 6"	16' 3"	14' 2"	17' 11"	14' 2"	12' 4"	16' 3"	12' 11"	11' 1"
		24	17' 11"	14' 2"	12' 4"	15' 8"	12' 4"	10' 7"	13' 9" f	11' 1"	-
350S125-33	33	12	23' 0"	18' 3"	15' 11"	20' 1"	15' 11"	13' 11"	18' 3"	14' 6"	12' 8"
		16	20' 11"	16' 7"	14' 6"	18' 3"	14' 6"	12' 8"	16' 7"	13' 2"	11' 4"
		24	18' 3"	14' 6"	12' 8"	15' 11"	12' 8"	10' 10"	14' 4" f	11' 4"	9' 8"
362S125-18	33	12	18' 8" f	16' 8"	14' 7"	15' 3" f	14' 7"	12' 9"	13' 2" f	13' 2" f	11' 6"
		16	16' 2" f	15' 2"	13' 3"	13' 2" f	13' 2" f	11' 6"	11' 5" f	11' 5" f	10' 4"
		24	13' 2" f	13' 2" f	11' 6"	10' 9" f	10' 9" f	9' 11"	9' 4" f	9' 4" f	8' 11"
362S125-30	33	12	22' 10"	18' 3"	16' 4"	19' 11"	16' 0"	14' 3"	18' 1"	14' 6"	12' 11"
		16	20' 8"	16' 7"	14' 10"	18' 1"	14' 6"	12' 11"	16' 5"	13' 2"	11' 6"
		24	18' 1"	14' 6"	12' 11"	15' 9" f	12' 8"	10' 11"	13' 8" f	11' 4"	-
362S125-33	33	12	24' 2"	19' 2"	16' 9"	21' 1"	16' 9"	14' 8"	19' 2"	15' 3"	13' 4"
		16	21' 11"	17' 5"	15' 3"	19' 2"	15' 3"	13' 4"	17' 5"	13' 10"	11' 11"
		24	19' 2"	15' 3"	13' 4"	16' 8" f	13' 4"	11' 4"	14' 5" f	11' 11"	10' 1"
400S125-18	33	12	19' 3" f	17' 6"	15' 4"	15' 9" f	15' 4"	13' 4"	13' 8" f	13' 8" f	12' 2"
		16	16' 8" f	15' 11"	13' 11"	13' 8" f	13' 8" f	12' 2"	11' 10" f	11' 10" f	11' 0"
		24	13' 8" f	13' 8" f	12' 2"	11' 2" f	11' 2" f	10' 7"	9' 8" f	9' 8" f	9' 7"
400S125-30	33	12	24' 6"	19' 5"	17' 0"	21' 5"	17' 0"	14' 10"	19' 5"	15' 5"	13' 6"
		16	22' 3"	17' 8"	15' 5"	19' 5"	15' 5"	13' 6"	17' 5" f	14' 0"	12' 2"
		24	19' 5"	15' 5"	13' 6"	16' 5" f	13' 6"	11' 7"	14' 2" f	12' 2"	10' 4"
400S125-33	33	12	25' 3"	20' 1"	17' 6"	22' 1"	17' 6"	15' 4"	20' 1"	15' 11"	13' 11"
		16	22' 11"	18' 3"	15' 11"	20' 1"	15' 11"	13' 11"	18' 3"	14' 5"	12' 7"
		24	20' 1"	15' 11"	13' 11"	17' 3" f	13' 11"	12' 0"	15' 0" f	12' 7"	10' 9"
550S125-18	33	12	21' 11" f	21' 11" f	19' 6"	17' 10" f	17' 10" f	17' 0"	15' 6" f	15' 6" f	15' 6" f
		16	19' 0" f	19' 0" f	17' 9"	15' 6" f	15' 6" f	15' 6" f	13' 5" f	13' 5" f	13' 5" f
		24	15' 6" f	15' 6" f	15' 6" f	12' 8" f	12' 8" f	12' 8" f	-	-	-
550S125-30	33	12	30' 5"	24' 10"	22' 0"	27' 0"	22' 0"	19' 5"	24' 10"	20' 2"	17' 10"
		16	28' 0"	22' 9"	20' 2"	24' 10" f	20' 2"	17' 10"	21' 7" f	18' 6"	16' 2"
		24	24' 10"	20' 2"	17' 10"	20' 4" f	17' 10"	15' 7"	17' 7" f	16' 2"	-
600S125-18	33	12	23' 2" f	22' 9"	19' 11"	18' 11" f	18' 11" f	17' 5"	16' 4" f	16' 4" f	15' 10"
		16	20' 1" f	20' 1" f	18' 1"	16' 4" f	16' 4" f	15' 10"	14' 2" f	14' 2" f	14' 2" f
		24	16' 4" f	16' 4" f	15' 10"	13' 4" f	13' 4" f	13' 4" f	-	-	-
600S125-30	33	12	34' 2"	27' 1"	23' 8"	28' 11" f	23' 8"	20' 8"	25' 0" f	21' 6"	18' 9"
		16	30' 8" f	24' 7"	21' 6"	25' 0" f	21' 6"	18' 9"	21' 8" f	19' 6"	17' 1"
		24	25' 0" f	21' 6"	18' 9"	20' 5" f	18' 9"	16' 5"	17' 8" f	17' 1"	-
600S125-33	33	12	35' 4"	28' 1"	24' 6"	30' 10"	24' 6"	21' 5"	27' 10" f	22' 3"	19' 5"
		16	32' 1" f	25' 6"	22' 3"	27' 10" f	22' 3"	19' 5"	24' 1" f	20' 3"	17' 8"
		24	27' 10" f	22' 3"	19' 5"	22' 9" f	19' 5"	16' 11"	19' 8" f	17' 8"	-

Note: 'f' adjacent to the height value indicates that flexural stress controls the allowable wall height.

INTERIOR WALL HEIGHTS - COMPOSITE

Table Notes

1. Allowable composite limiting heights are calculated using ICC-ES AC86-2010. The ¼ stress increase for strength was not used.
2. The gypsum board must be applied full height to each stud flange and installed using minimum #6 Type S drywall screws, per ICC-ESR2507 Section 4.2. and per IAPMO-UER 0313.
3. No fasteners are required for attaching the stud to the track.
4. Stud and bearing must be a minimum of 1".
5. Galvanizing to be G40 minimum for 10 PSF or less, and G60 minimum for greater than 10 PSF lateral loads.

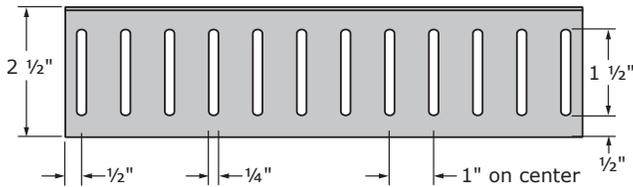
SUPREME Interior Wall Heights Composite														
Section	Fy (ksi)	Spacing (in) oc	5 psf			7.5 psf			10 psf			15 psf		
			L/120	L/240	L/360	L/120	L/240	L/360	L/120	L/240	L/360	L/120	L/240	L/360
162SFS125-D25	57	12	13' 4"	10' 10"	9' 8"	11' 8"	9' 7"	8' 6"	10' 7"	8' 9"	-	-	-	-
		16	12' 1"	9' 12"	8' 10"	10' 7"	8' 9"	-	9' 7"	7' 11"	-	-	-	-
		24	10' 7"	8' 9"	-	9' 3"	-	-	8' 2" f	-	-	-	-	-
162SFS-D20	57	12	13' 7"	11' 1"	9' 9"	11' 11"	9' 9"	8' 6"	10' 10"	8' 10"	7' 9"	8' 2" f	7' 9"	-
		16	12' 4"	10' 1"	8' 10"	10' 10"	8' 10"	7' 9"	9' 10"	8' 1"	-	-	-	-
		24	10' 10"	8' 10"	7' 9"	9' 5"	7' 9"	-	8' 5"	-	-	-	-	-
162SFS-30EQD	57	12	13' 11"	11' 4"	10' 0"	12' 2"	9' 11"	8' 8"	11' 0"	9' 0"	7' 10"	8' 7" f	7' 9"	-
		16	12' 8"	10' 4"	9' 1"	11' 0"	9' 0"	7' 10"	10' 0"	8' 1"	-	-	-	-
		24	11' 0"	9' 0"	7' 10"	9' 7"	7' 9"	-	8' 6"	-	-	-	-	-
250SFS125-D25	57	12	15' 8"	13' 7"	12' 2"	13' 8"	11' 11"	10' 7"	12' 5"	10' 10"	9' 7"	8' 5" f	8' 5" f	8' 1"
		16	14' 3"	12' 4"	11' 0"	12' 5"	10' 10"	9' 7"	11' 1" f	9' 10"	8' 6"	-	-	-
		24	12' 5"	10' 10"	9' 7"	10' 5" f	9' 4"	8' 1"	9' 0" f	8' 4"	-	-	-	-
250SFS-D20	57	12	17' 1"	14' 0"	12' 5"	14' 11"	12' 3"	10' 10"	13' 7"	11' 1"	9' 10"	9' 5" f	9' 5" f	8' 2"
		16	15' 6"	12' 9"	11' 3"	13' 7"	11' 1"	9' 10"	12' 4"	10' 1"	8' 8"	8' 2" f	8' 2" f	-
		24	13' 7"	11' 1"	9' 10"	11' 8" f	9' 8"	8' 2"	10' 2" f	8' 7"	-	-	-	-
250SFS-30EQD	57	12	18' 2"	14' 5"	12' 7"	15' 10"	12' 7"	11' 0"	14' 5"	11' 5"	10' 0"	10' 3" f	10' 0"	8' 6"
		16	16' 6"	13' 1"	11' 5"	14' 5"	11' 5"	10' 0"	13' 1"	10' 5"	8' 11"	8' 11" f	8' 11" f	-
		24	14' 5"	11' 5"	10' 0"	12' 7"	10' 0"	8' 6"	11' 0" f	8' 11"	-	-	-	-
362SFS125-D25	57	12	21' 9"	17' 3"	15' 1"	18' 6" f	15' 1"	13' 2"	16' 1" f	13' 9"	12' 0"	10' 7" f	10' 7" f	10' 4"
		16	19' 8" f	15' 8"	13' 9"	16' 1" f	13' 9"	12' 0"	13' 11" f	12' 6"	10' 9"	9' 2" f	9' 2" f	9' 2" f
		24	16' 1" f	13' 9"	12' 0"	13' 1" f	12' 0"	10' 4"	11' 4" f	10' 9"	9' 3"	-	-	-
362SFS-D20	57	12	22' 4"	17' 9"	15' 6"	19' 6"	15' 6"	13' 7"	17' 3" f	14' 1"	12' 4"	11' 4" f	11' 4" f	10' 8"
		16	20' 4"	16' 1"	14' 1"	17' 3" f	14' 1"	12' 4"	15' 0" f	12' 10"	11' 1"	9' 10" f	9' 10" f	9' 7"
		24	17' 3" f	14' 1"	12' 4"	14' 1" f	12' 4"	10' 8"	12' 3" f	11' 1"	9' 7"	8' 0" f	8' 0" f	8' 0" f
362SFS-30EQD	57	12	23' 6"	18' 8"	16' 4"	20' 6"	16' 4"	14' 3"	18' 8"	14' 10"	12' 11"	12' 6" f	12' 6" f	11' 3"
		16	21' 4"	16' 11"	14' 10"	18' 8"	14' 10"	12' 11"	16' 5" f	13' 5"	11' 9"	10' 10" f	10' 10" f	10' 2"
		24	18' 8"	14' 10"	12' 11"	15' 6" f	12' 11"	11' 3"	13' 5" f	11' 9"	10' 2"	8' 10" f	8' 10" f	8' 9"
400SFS125-D25	57	12	21' 8"	17' 7"	15' 8"	18' 6" f	15' 4"	13' 9"	16' 0" f	14' 0"	12' 6"	10' 6" f	10' 6" f	10' 6" f
		16	19' 7" f	16' 0"	14' 3"	16' 0" f	14' 0"	12' 6"	13' 10" f	12' 8"	11' 4"	9' 1" f	9' 1" f	9' 1" f
		24	16' 0" f	14' 0"	12' 6"	13' 1" f	12' 2"	10' 11"	11' 4" f	11' 1"	9' 11"	-	-	-
400SFS-D20	57	12	23' 1"	18' 4"	16' 0"	20' 2"	16' 0"	14' 0"	17' 8" f	14' 6"	12' 8"	11' 7" f	11' 7" f	11' 1"
		16	21' 0"	16' 8"	14' 6"	17' 8" f	14' 6"	12' 8"	15' 3" f	13' 2"	11' 6"	10' 0" f	10' 0" f	10' 0"
		24	17' 8" f	14' 6"	12' 8"	14' 5" f	12' 8"	11' 1"	12' 6" f	11' 6"	10' 0"	8' 2" f	8' 2" f	8' 2" f
400SFS-30EQD	57	12	25' 0"	19' 10"	17' 4"	21' 10"	17' 4"	15' 2"	19' 8" f	15' 9"	13' 9"	12' 11" f	12' 11" f	12' 0"
		16	22' 9"	18' 1"	15' 9"	19' 8" f	15' 9"	13' 9"	17' 0" f	14' 4"	12' 6"	11' 2" f	11' 2" f	10' 11"
		24	19' 8" f	15' 9"	13' 9"	16' 0" f	13' 9"	12' 0"	13' 11" f	12' 6"	10' 11"	9' 2" f	9' 2" f	9' 2" f
600SFS125-D25	57	12	28' 8" f	24' 4"	21' 7"	23' 5" f	21' 3"	18' 10"	20' 3" f	19' 3"	17' 2"	13' 4" f	13' 4" f	13' 4" f
		16	24' 10" f	22' 1"	19' 8"	20' 3" f	19' 3"	17' 2"	17' 7"	17' 6"	15' 7"	-	-	-
		24	20' 3" f	19' 3"	17' 2"	16' 7" f	16' 7" f	14' 11"	14' 4" f	14' 4" f	13' 5"	-	-	-
600SFS-D20	57	12	31' 2"	24' 9"	21' 7"	25' 11" f	21' 7"	18' 10"	22' 6" f	19' 7"	17' 2"	14' 9" f	14' 9" f	14' 9" f
		16	27' 6" f	22' 6"	19' 7"	22' 6" f	19' 7"	17' 2"	19' 6" f	17' 10"	15' 7"	12' 9" f	12' 9" f	12' 9" f
		24	22' 6" f	19' 7"	17' 2"	18' 4" f	17' 2"	14' 10"	15' 11" f	15' 7"	13' 4"	-	-	-
600SFS-30EQD	57	12	33' 8"	26' 9"	23' 4"	28' 4" f	23' 4"	20' 5"	24' 6" f	21' 2"	18' 6"	16' 1" f	16' 1" f	16' 1" f
		16	30' 0" f	24' 3"	21' 2"	24' 6" f	21' 2"	18' 6"	21' 3" f	19' 3"	16' 10"	13' 11" f	13' 11" f	13' 11" f
		24	24' 6" f	21' 2"	18' 6"	20' 0" f	18' 6"	16' 2"	17' 4" f	16' 10"	14' 8"	-	-	-

"f" Flexural stress controls allowable height.

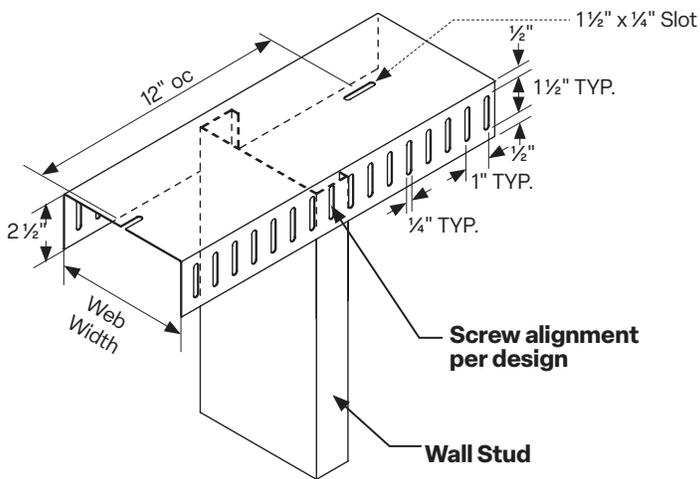
SLT - SLOTTED LEG TRACK

Product Application

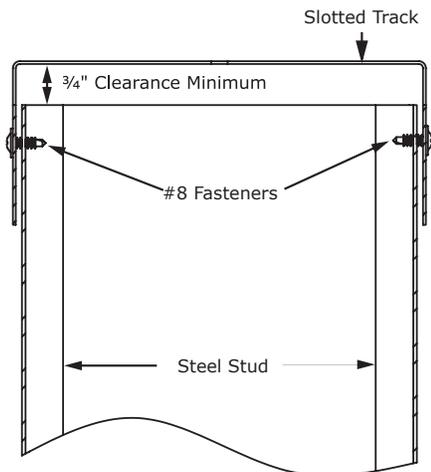
Slotted Leg Track (SLT) allows for a positive attachment of the stud to the top track through the slots designed to accommodate the vertical movement of the primary structure. SCAFCO SLT is an industry standard product, with 2-1/2" legs, accommodating +/- 3/4" of deflection.



Standard Slotted Leg Track Detail (SLT)



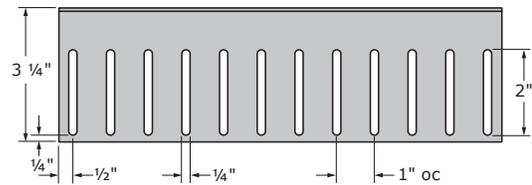
Section View



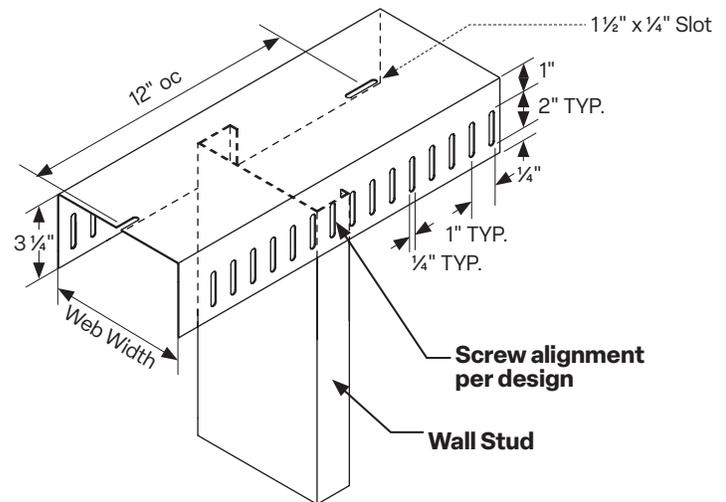
SDLT - SLOTTED DEEP LEG TRACK

Product Application

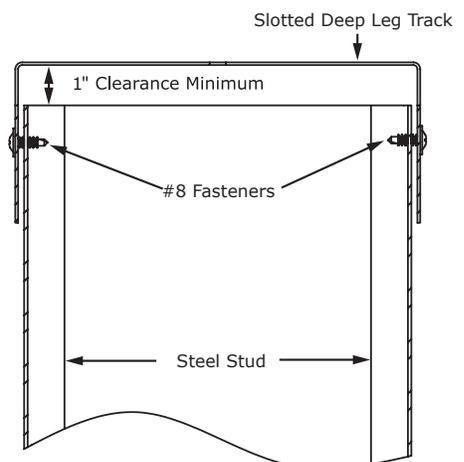
Slotted Deep Leg Track (SDLT) allows for greater deflection, and greater tolerance for the height of the wall stud. SCAFCO SDLT is designed with 3-1/4" legs, accommodating +/- 1" of deflection, and allowing for a stud height tolerance of 3/4" to 1-1/4".



Standard Slotted Deep Leg Track Detail (SDLT)



Section View



SLOTTED TRACK ALLOWABLE WALL HEIGHTS, BASED ON ALLOWABLE LOADS

The below table values are for the SLT and SDLT products and represent the maximum allowable wall height for which each style can be used for. The thickness of the product and the length of the leg are the two variables which control the allowable loads for the product. The third part tested and certified allowable loads, per IAPMO ER 0283, have been factored into uniform wall pressures, and the allowable wall heights derived from them. Slotted Leg Track (SLT) allows for a positive attachment of the stud to the top track through the slots designed to accommodate the vertical movement of the primary structure. SCAFCO SLT is an industry standard product, with 2-1/2” legs, accommodating +/- 3/4” of deflection.

SCAFCO SLOTTED LEG TRACK

Product Thickness	Maximum Allowable Wall Heights (ft)												Allowable Lateral Load per Stud Connection (lbs)
	Stud Spacing on Center (in)												
	12	16	24	12	16	24	12	16	24	12	16	24	
	Uniform Lateral Load												
	5 psf			10 psf			20 psf			40 psf			
20EQ	14.8	11.1	-	-	-	-	-	-	-	-	-	-	37
30EQD	22.0	16.5	11.0	11.0	8.3	-	-	-	-	-	-	-	55
30mil	22.0	16.5	11.0	11.0	8.3	-	-	-	-	-	-	-	55
33EQS	36.0	27.0	18.0	18.0	13.5	9.0	9.0	-	-	-	-	-	90
33mil	42.4	31.8	21.2	21.2	15.9	10.6	10.6	-	-	-	-	-	106
43EQS	69.2	51.9	34.6	34.6	26.0	17.3	17.3	13.0	8.7	-	-	-	173
43mil	76.4	57.3	38.2	38.2	28.7	19.1	19.1	14.3	9.6	9.6	-	-	191
54mil	151.6	113.7	75.8	75.8	56.9	37.9	37.9	28.4	19.0	19.0	14.2	9.5	379
68mil	227.2	170.4	113.6	113.6	85.2	56.8	56.8	42.6	28.4	28.4	21.4	14.2	568
97mil	502.8	377.2	251.4	251.4	188.6	125.7	125.7	94.3	62.9	62.9	47.3	31.4	1257

SCAFCO SLOTTED DEEP LEG TRACK

Product Thickness	Maximum Allowable Wall Heights (ft)												Allowable Lateral Load per Stud Connection (lbs)
	Stud Spacing on Center (in)												
	12	16	24	12	16	24	12	16	24	12	16	24	
	Uniform Lateral Load												
	5 psf			10 psf			20 psf			40 psf			
33EQS	14.0	10.5	-	-	-	-	-	-	-	-	-	-	35
33mil	18.8	14.1	9.4	9.4	-	-	-	-	-	-	-	-	47
43EQS	28.4	21.3	14.2	14.2	10.7	-	-	-	-	-	-	-	71
43mil	36.8	27.6	18.4	18.4	13.8	9.2	9.2	-	-	-	-	-	92
54mil	71.6	53.7	35.8	35.8	26.9	17.9	17.9	13.4	9.0	9.0	-	-	179
68mil	119.6	89.7	59.8	59.8	44.9	29.9	29.9	22.4	15.0	15.0	11.2	-	299
97mil	282.8	212.2	141.4	141.4	106.1	70.7	70.7	53.0	35.4	35.4	26.6	17.7	707

