

PRODUCT APPLICATION

DriftTrak® DTSL is available to accommodate vertical deflection and lateral drift requirements. VertiClip® SL's, with Step Bushings pre-installed in vertical slots, allow up to 2" vertical deflection (1" up and down). Clips are manufactured to fit into the DriftTrak and provide free lateral movement of the structure. DriftTrak is available in 12' lengths. DriftTrak DTSL does not provide wall closure. A top track will be required for closure of the wall assembly.

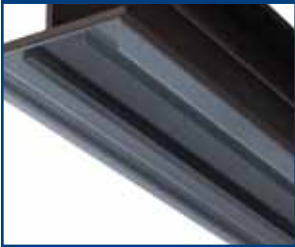
MATERIAL COMPOSITION

Steel: ASTM A653/A653M, Grade 50 (340), 50ksi (340MPa) minimum yield strength, 65ksi (450MPa) minimum tensile strength, G-90 (Z275) hot-dipped galvanized coating (clip), G-60 (Z180) hot-dipped galvanized coating (track). Standard DTSL clip thickness is 68mil (0.0713" design thickness). Track thickness is 97mil (0.1017" design thickness).

DRIFTTRAK DTSL NOMENCLATURE

DriftTrak DTSL is available in one size for all stud depths over 3 5/8". One row of bridging is recommended at a maximum distance of 12" from DriftTrak to resist torsional effects.

DRIFTTRAK DTSL INSTALLATION



Fit DriftTrak into top track and secure to deck with approved fastener.



Twist clip into place within DriftTrak. Ensure stiffener is in place prior to installation.



Fasten to stud using provided screws through Step Bushings.



DRIFTTRAK DTSL VALUE

- ◆ Positive, load rated mechanical attachment to stud
- ◆ Drift amount limited only to stud spacing and wall termination
- ◆ Step Bushings & Stiffener pre-installed for accurate placement
- ◆ Rated screws provided for attachment to stud web
- ◆ Grooves in 1" leg pass over fastener heads



QUANTITY / ORDER INFORMATION

Designation	Qty/Box	Lbs/Box	Pcs/Skid	Lbs/Skid
DTSL	50	22	2250	990
DriftTrak	N/A	25 (piece)	100	2500



An ICC-ES Evaluation Report for DriftTrak DTSL is available. Refer to ICC-ESR-2049 at www.icc-es.org or at www.steelnetwork.com.

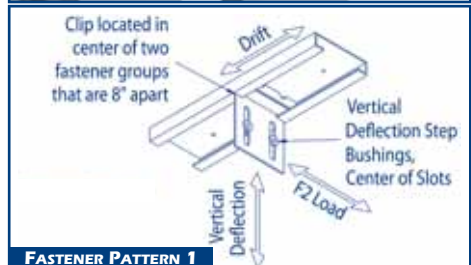
ALLOWABLE (UNFACTORED) LOADS¹

DriftTrak DTSL	Stud Thickness Mils (ga)	Fy(yield) Stud (ksi)	Allowable (Unfactored ¹) Loads			
			8" Fastener Spacing in Track to Structure (or welded on both sides)		16" Fastener Spacing in Track to Structure (or welded on both sides)	
			Fastener Pattern 1	Fastener Pattern 2	Fastener Pattern 1	Fastener Pattern 2
			F2 w/2 #12 Screws (kips)	F2 w/2 #12 Screws (kips)	F2 w/2 #12 Screws (kips)	F2 w/2 #12 Screws (kips)
8" Fastener Spacing in Track to Structure (or welded on both sides)	33 (20)	33	0.377	0.377	0.377	0.377
	33 (20)	50	0.544	0.482	0.544	0.449
	43 (18)	33	0.561	0.482	0.561	0.449
	43 (18)	50	0.625	0.482	0.694	0.449
	54 (16)	33	0.625	0.482	0.694	0.449
	54 (16)	50	0.625	0.482	0.694	0.449
	68 (14)	50	0.625	0.482	0.694	0.449
	97 (12)	50	0.625	0.482	0.694	0.449

¹ For LRFD Design Strengths refer to ICC-ESR-2049 (p33).

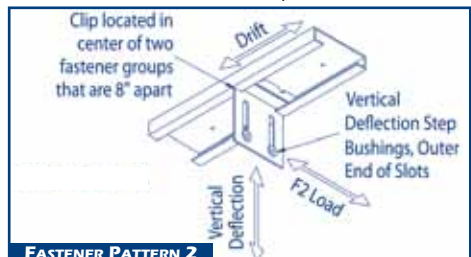
- ◆ Load tables reflect horizontal loads (F2).
- ◆ Design loads are for attachment of DriftTrak DTSL to stud only.
- ◆ Attachment to structure engineered by others.
- ◆ Allowable loads have not been increased for wind, seismic, or other factors.
- ◆ Two #12 screws are provided with each DriftTrak DTSL for attachment to stud.

LOAD DIRECTION



FASTENER PATTERN 1

Fastener Pattern 1 replicates a condition of out-of-plane wind or seismic force with no vertical live load deflection and full in-plane drift.



FASTENER PATTERN 2

Fastener Pattern 2 replicates a condition of out-of-plane wind or seismic force with full vertical live load deflection and full in-plane drift.