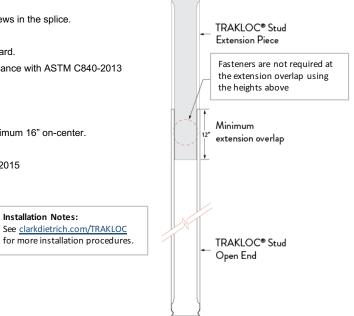


TRAKLOC® 20EQ (24MIL) - COMPOSITE LIMITING HEIGHTS

TRAKLOC Elevator Studs (TLE)											5/8" Type X Gypsum Board		
		Design Thickness	Yield Strength	Spacing	5 psf			7.5 psf			10 psf		
Width	Stud Member	(in)	(ksi)	(inches)	L/120	L/240	L/360	L/120	L/240	L/360	L/120	L/240	L/360
2-1/2"	250TLE125-24	0.0250	57	12	18'-9"	15'-9"	13'-8"	16'-5"	13'-9"	12'-0"	14'-11"	12'-6"	10'-11"
				16	17'-1"	14'-4"	12'-5"	14'-11"	12'-6"	10'-11"	13'-6"	11'-4"	9'-11"
				24	14'-11"	12'-6"	10'-11"	13'-0"	10'-11"	9'-4"	11'-10"	9'-11"	7'-10"
3-5/8"	362TLE125-24	0.0250	57	12	22'-6"	17'-10"	15'-7"	19'-8"	15'-7"	13'-7"	17'-10"	14'-2"	12'-5"
				16	20'-5"	16'-3"	14'-2"	17'-10"	14'-2"	12'-5"	16'-3"	12'-10"	11'-1"
				24	17'-10"	14'-2"	12'-5"	15'-7"	12'-5"	10'-7"	14'-2"	11'-1"	9'-5"
4"	400TLE125-24	0.0250	57	12	24'-9"	19'-8"	17'-2"	21'-8"	17'-2"	15'-0"	19'-8"	15'-7"	13'-8"
				16	22'-6"	17'-10"	15'-7"	19'-8"	15'-7"	13'-8"	17'-8" f	14'-2"	12'-5"
				24	19'-8"	15'-7"	13'-8"	16'-8" f	13'-8"	11'-11"	14'-5" f	12'-5"	10'-6"
6"	600TLE125-24	0.0250	57	12	28'-9" f	25'-11"	21'-8"	23'-6" f	22'-8"	19'-1"	20'-4" f	20'-4" f	17'-5"
				16	24'-11" f	23'-6"	19'-10"	20'-4" f	20'-4" f	17'-5"	17'-7" f	17'-7" f	15'-11"
				24	20'-4" f	20'-4" f	17'-5"	16'-7" f	16'-7" f	15'-4"	14'-4" f	14'-4" f	13'-11"

Notes:

- The limiting heights provided in the above tables are based on the Elevator Extension Overlap not having any screws in the splice.
- Allowable composite limiting heights were determined in accordance with ICC-ES AC86-2012.
- The composite limiting heights provided in the tables are applicable for either one or two layers of 5/8" gypsum board.
- The gypsum board must be applied full height in the vertical orientation to each stud flange and installed in accordance with ASTM C840-2013
- Attach gypsum board to studs using minimum No. 6 Type S drywall screws spaced as listed below:
 - Screws spaced a minimum of 16" on-center to framing members spaced at 16" or 12" on-center.
 - Screws spaced a minimum of 12" on-center to framing members spaced at 24" on-center.
- Gypsum board must be attached to each top and bottom track flange using minimum No. 6 drywall screws at maximum 16" on-center.
- TRAKLOC end insert piece shall have a minimum 4" overlap.
- No fasteners are required for attaching the stud to the track except as detaild in paragraph 5.3.21 of ASTM C754-2015
- Stud end bearing must be a minimum of 1 inch.
- f Adjacent to the height value indicates that flexural stress controls the allowable wall height.



Installation Notes: