

TITAN EQ TRACK

for 3-5/8" Titan EQ studs · 20EQ (19 mil) · top and bottom runner

Member

T358125-19

Project	
Contractor	
Architect / Engineer	
Submitted by	
Date	

Review

☐ Approved

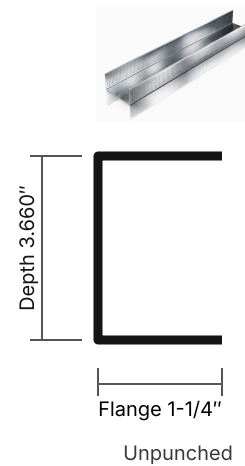
☐ Approved as noted

☐ Revise and resubmit

Reviewed by / date

PRODUCT DATA ESR-5121 Section 3 and Table 5

Member designation	T358125-19
Depth (outside to outside of flanges)	3.660 in
Flange	1.25 in
Inside corner radius	0.04 in
Design thickness (t)	0.0190 in (19 mil)
Minimum delivered thickness	0.0181 in (95% of t)
Steel	ASTM A653 SS Grade 33 or 50, Class 1
Yield strength (Fy), properties	33 ksi
Coating	G40 minimum
Punchouts	None (unpunched)
Use with	Titan EQ Stud ST358125-19



SECTION PROPERTIES ESR-5121 Table 7 · Fy = 33 ksi · design thickness 0.0190 in

GROSS PROPERTIES

Weight	lb/ft	0.396
Area	in ²	0.116
Ix	in ⁴	0.235
Sx	in ³	0.127
rx	in	1.423
ly	in ⁴	0.017
ry	in	0.380

EFFECTIVE PROPERTIES

Ixe	in ⁴	0.145
Sxe	in ³	0.061
Ma-L	lb-in	1,211
Vag	lb	171

TORSIONAL PROPERTIES

J × 1000	in ⁴	0.014
Cw	in ⁶	0.041
Xo	in	-0.667
Ro	in	1.617
β		0.830

Effective properties do not incorporate the strength increase from the cold work of forming. Allowable moment is for Allowable Strength Design (ASD)(AISI S100-16 (2020) w/S2-20). Ma-L and Vag are listed in ESR-5121 in thousands (kip-in, kips) and shown here in lb-in and lb. For composite wall limiting heights, see the Titan EQ Stud submittal sheet for the matching stud; in composite walls, fastening the stud to the track is optional and stud end bearing must be at least 1".

Interior nonload-bearing walls only; other than non-structural use (AISI S220) is outside the scope of ESR-5121. Install per the applicable code, the approved plans and ESR-5121. Delivered base-metal thickness at least 95% of design. Members stamped at 96" o.c. max. with Rapid Ex Forming, ESR-5121, designation, minimum thickness, yield strength and coating.

ICC-ES EVALUATED · ESR-5121



Titan EQ Stud line studs and tracks are evaluated in ICC-ES Evaluation Report ESR-5121 (report holder: Rapid Ex Forming Corp.) for the 2024, 2021, 2018 and 2015 International Building Code (IBC). The ESR-5121 CA Supplement covers the 2025 California Building Code (CBC).

Issued August 2026. The report remains under an active continuous compliance program through the end of August 2027. Check the current listing at icc-es.org.



Scan for the listing

Disclaimer. All data, details and specifications herein are a general guide for using Rapidex Forming products. These products should not be used in design or construction without evaluation by a qualified engineer or architect to determine their suitability for a specific application. Where this sheet and ICC-ES ESR-5121 differ, the evaluation report governs. Rapidex Forming assumes no liability for failure resulting from the use or misapplication of computations, details or specifications contained herein, or for damages resulting from improper application, handling or installation of these products.