

Marino\WARE® Product Submittal Data

PRODUCT NAME: 600VS125-15

MARINO\WARE PART # 600VS25

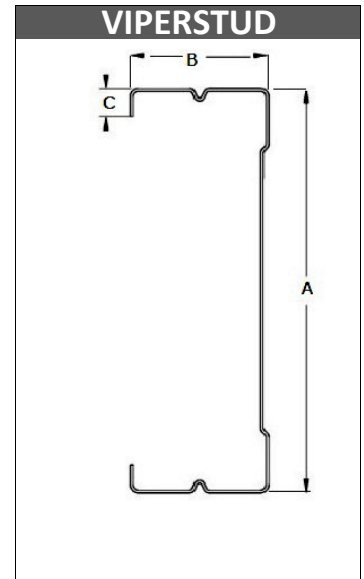


PROPERTIES:

A. Web (in)	6	Yield Strength Fy (KSI)	50
B. Flange (in)	1-1/4"	Design Thickness (in)	0.0155
C. Lip (in)	1/4"	Minimum Thickness (in)	0.0147
Mils	15	Gauge EQ	25
Finish*	G40EQ		

*Or other ASTM A1003 Table 1 Coating

09.22.16 Non-Structural Metal Stud



SECTION PROPERTIES

GROSS SECTION PROPERTIES

Weight of Member: (lb/ft)	0.470
Cross Sectional Area: A (in ²)	0.139
Moment of Inertia: I_x (in ⁴)	0.659
Radius of Gyration: R_x (in)	2.180
Gross Moment of Inertia: I_y (in ⁴)	0.022
Gross Radius of Gyration: R_y (in)	0.397

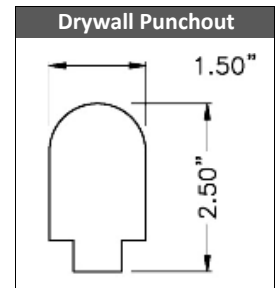
EFFECTIVE SECTION PROPERTIES¹

Moment of Inertia-Deflection: I_x (in ⁴)	0.628
Section Modulus: S_x (in ³)	0.085

MOMENTS¹

Allowable Bending Moment: Ma (in-k)	2.360
Local Buckling Nominal Moment: Mnl (in-k)	5.900
Distortional Buckling Moment: Mnd (in-k)	4.270

Note 1. Tested values



LIMITING HEIGHTS - COMPOSITE (ft-in)

Spacing (in)	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
12	24-8	23-9	21-1	22-3	20-9	18-5	20-1	18-10	16-9
16	22-11	21-7	19-2	20-1	18-10	16-9	17-5	17-2	15-3
24	20-1	18-10	16-9	16-5	16-5	14-8	14-2	14-2	13-0

- Gypsum must be vertically oriented, applied full height to both sides, and fastened to each stud and track flange
- Acceptable wallboards are 5/8" type X from: USG, National, GP, Pabco, American, Continental & CertainTeed.
- No screws are required between stud and track, except as required by ASTM C754.
- See CCRR-0154 for additional information. Review fire related assemblies for any additional requirements

CODES & STANDARDS

- Meets IBC 2015, 2018 & FBC 2020
- ASTM C 645, C 754, E 90, E 119 & AISI S220
- Steel sheet meets ASTM A 1003 or A 653
- Third Party Code Evaluation Report: CCRR-0154
- Multiple Fire Rated Assemblies

GREEN INFO

- LEED v4 credits available
- Contact Technical Services for more information



www.marinoware.com

For more information, please contact Marino\WARE Technical Services at 866-545-1545

This technical information reflects the most current information available and supersedes any and all publications, effective 4/2/22.

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