

Marino\WARE® Product Submittal Data

PRODUCT NAME: 362VS125-15

MARINO\WARE PART # 358VS25

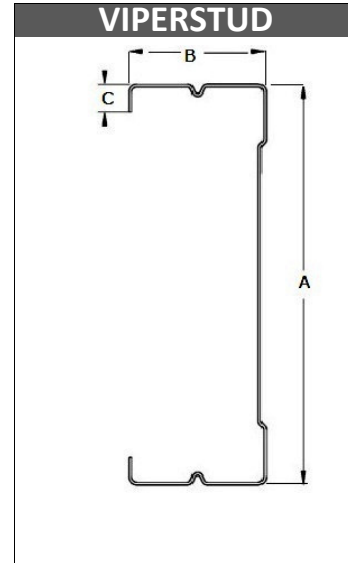


PROPERTIES:

A. Web (in)	3-5/8"	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)	0.350
Cross Sectional Area: A (in ²)	0.102
Moment of Inertia: Ix (in ⁴)	0.199
Radius of Gyration: Rx (in)	1.390
Gross Moment of Inertia: Iy (in ⁴)	0.019
Gross Radius of Gyration: Ry (in)	0.435

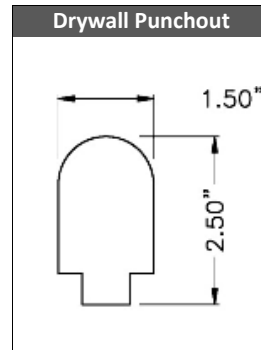
EFFECTIVE SECTION PROPERTIES¹

Moment of Inertia-Deflection: Ix (in ⁴)	0.205
Section Modulus: Sx (in ³)	0.058

MOMENTS¹

Allowable Bending Moment: Ma (in-k)	1.600
Local Buckling Nominal Moment: Mnl (in-k)	3.480
Distortional Buckling Moment: Mnd (in-k)	2.900

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	20-10	17-4	15-2	18-2	15-1	13-3	15-10	13-9	12-0
16	18-11	15-9	13-9	15-10	13-9	12-0	13-9	12-6	10-11
24	15-10	13-9	12-0	12-11	12-0	10-6	11-3	10-11	9-6

- 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
- Meets or tested to: ASTM C 645, C 754, E 90, E 119 & AISI S220
- ASTM C 645, C 754, E 90, E 119 & AISI S220
- Steel sheet meets ASTM A 1003 or A 653
- Multiple Fire Rated Assemblies

GREEN INFO

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



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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