

# Marino\WARE® Product Submittal Data

**PRODUCT NAME:** 362VS125-15

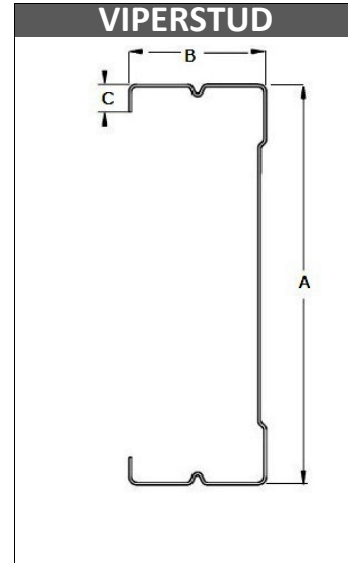
**MARINO\WARE PART #** 358VS25



**PROPERTIES:**

<b>A. Web (in)</b>	3-5/8"	<b>Yield Strength Fy (KSI)</b>	50
<b>B. Flange (in)</b>	1-1/4"	<b>Design Thickness (in)</b>	0.0155
<b>C. Lip (in)</b>	1/4"	<b>Minimum Thickness (in)</b>	0.0147
<b>Mils</b>	15	<b>Gauge EQ</b>	25
<b>Finish</b>	CP60		

09.22.16 Non-Structural Metal Stud



**SECTION PROPERTIES**

**GROSS SECTION PROPERTIES**

Weight of Member: (lb/ft)	0.350
Cross Sectional Area: <b>A</b> (in <sup>2</sup> )	0.102
Moment of Inertia: <b>I<sub>x</sub></b> (in <sup>4</sup> )	0.199
Radius of Gyration: <b>R<sub>x</sub></b> (in)	1.390
Gross Moment of Inertia: <b>I<sub>y</sub></b> (in <sup>4</sup> )	0.019
Gross Radius of Gyration: <b>R<sub>y</sub></b> (in)	0.435

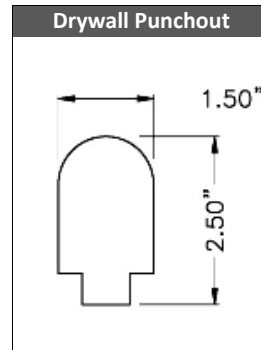
**EFFECTIVE SECTION PROPERTIES<sup>1</sup>**

Moment of Inertia-Deflection: <b>I<sub>x</sub></b> (in <sup>4</sup> )	0.205
Section Modulus: <b>S<sub>x</sub></b> (in <sup>3</sup> )	0.058

**MOMENTS<sup>1</sup>**

Allowable Bending Moment: <b>Ma</b> (in-k)	1.600
Local Buckling Nominal Moment: <b>Mnl</b> (in-k)	3.480
Distortional Buckling Moment: <b>Mnd</b> (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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