

# Marino\WARE® Product Submittal Data

**PRODUCT NAME:** 250VS125-15

**MARINO\WARE PART #** 212VS25

**PROPERTIES:**

<b>A. Web (in)</b>	2-1/2"	<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		

**SECTION PROPERTIES**

**GROSS SECTION PROPERTIES**

Weight of Member: <b>(lb/ft)</b>	0.290
Cross Sectional Area: <b>A (in<sup>2</sup>)</b>	0.085
Moment of Inertia: <b>Ix (in<sup>4</sup>)</b>	0.084
Radius of Gyration: <b>Rx (in)</b>	0.998
Gross Moment of Inertia: <b>Iy (in<sup>4</sup>)</b>	0.017
Gross Radius of Gyration: <b>Ry (in)</b>	0.452

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

Moment of Inertia-Deflection: <b>Ix (in<sup>4</sup>)</b>	0.090
Section Modulus: <b>Sx (in<sup>3</sup>)</b>	0.042

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

Allowable Bending Moment: <b>Ma (in-k)</b>	1.170
Local Buckling Nominal Moment: <b>Mnl (in-k)</b>	2.720
Distortional Buckling Nominal Moment: <b>Mnd (in-k)</b>	2.120

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	17-3	14-5	12-9	15-1	12-7	11-1	13-8	11-6	10-1
16	15-8	13-1	11-7	13-8	11-6	10-1	12-3	10-5	8-9
24	13-8	11-6	10-1	11-6	10-0	8-2	10-0	8-8	--

- 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**

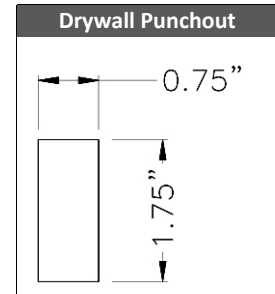
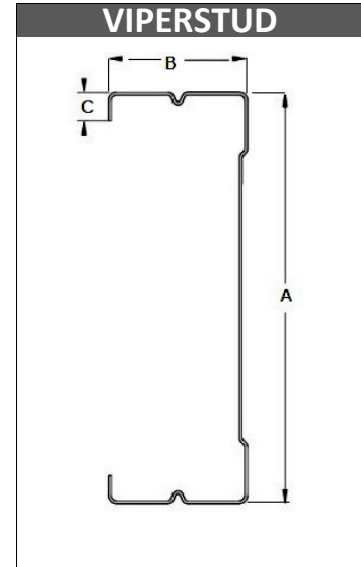
- Meets IBC 2015, 2018 & FBC 2020
- ASTM C 645, C 754, E 90, E 119 & AISI S220
- Steel sheet meets ASTM A 1003 or A 653
- Third Party Code Evaluation Report: CCRR-0154
- Multiple Fire Rated Assemblies

**GREEN INFO**

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



09.22.16 Non-Structural Metal Stud



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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