

Expanding Your Solutions

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600VT200-15 (25EQ) VIPERTRACK

Geometric Properties

6" ViperTrack with 2" legs is manufactured from standard G40 hot-dipped galvanized steel. G60 and G90 coatings are available through special order, and may require up-charges and extended lead times.

Physical Properties

Model No.	Design Thickness (in)	Minimum Thickness (in)	Yield (ksi)	Coating ^{3,4}	Web Depth (in)	Leg Size (in)	GAP ⁵ (in)	Load ⁵ (lb.)	Max Height ⁵ 5 psf, 16" o.c.	
600VT200-15 (25EQ)	0.0155	0.0147	50	G40	6	2	1/2	34	10'-3"	

Notes:

- 1. Uncoated steel thickness. Thickness is for carbon sheet steel
- 2. Minimum thickness represents 95% of the design thickness and is the minimum acceptable thickness.
- 3. Per ASTM C645 & A1003, Table 1.
- 4. G60 and G90 available upon request. Will require extended lead time and upcharge.
- 5. Use Gap, Load and Maximum Height data when member is used as a top deflection track.

Color Code (painted on ends): 15 mil: None with Dark Grey band on pallet

ASTM & Code Standards:

- ASTM A653/A653M, A924/A924M, A1003/A1003M, C645, C754, E119
- IBC: 2012, 2015, 2018, 2021
- CBC: 2013, 2016, 2019
- AISI: S100, S220

LEED v4 for Building and Design Construction

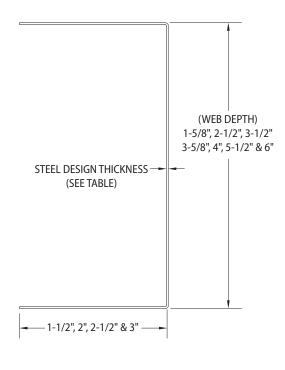
- MR Prerequisite: Construction and Demolition Waste Management Planning.
- MR Credit: Construction and Demolition Waste Management.
- MR Credit: Building Product Disclosure and Optimization Sourcing of Raw Materials, Option 2.
- MR Credit: Building Product Disclosure and Optimization Environmental Product Declarations, Options 1 & 2.
- MR Credit: Building Product Disclosure and Optimization Material Ingredients, Option 1.
- MR Credit: Building Life-Cycle Impact Reduction, Option 4.

CEMCO cold-formed steel framing products contain 30% to 37% recycled steel.

■ Total Recycled Content: 36.9% ■ Post-Consumer: 19.8%

■ Pre-Consumer: 14.4%

CSI Division: 09.22.16 - Non-Structural Metal Framing



ViperTrack 2.00" Leg

						Gross Properties							Effective Properties			Torsional Properties				
Member	Leg Size (in)	Weight (lb/ft)	Design (in)	Min (in)	Yield (ksi)	Area (in²)	lx (in ⁴)	Sx (in³)	Rx (in)	ly (in ⁴)	Sy (in³)	Ry (in)	lxd (in ⁴)	Sxe (in³)	Ma (in-k)	Xo (in)	Jx1000 (in ⁴)	Cw (in)	Ro (in)	ß
600VT200-15 (25EQ)	2.00	0.53	0.0155	0.0147	50	0.155	0.859	0.281	2.353	0.057	0.036	0.608	0.357	0.065	1.93	-1.06	0.0124	0.3840	2.65	0.841

Notes

- 1. Section properties are in accordance with AISI S100 & S220.
- 2. Cold-work of forming is not included.
- 3. The effective moment of inertia for deflection is calculated based on AISI S100 & S220 procedure 1 for serviceability determination.
- $\textbf{4.} \ \text{The center line bend radius is greater than 2 times the design thickness or 3/32}"$







