CEMCO®
Expanding Your Solutions

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600VXT125-18 VIPER-X INTERIOR TRACK

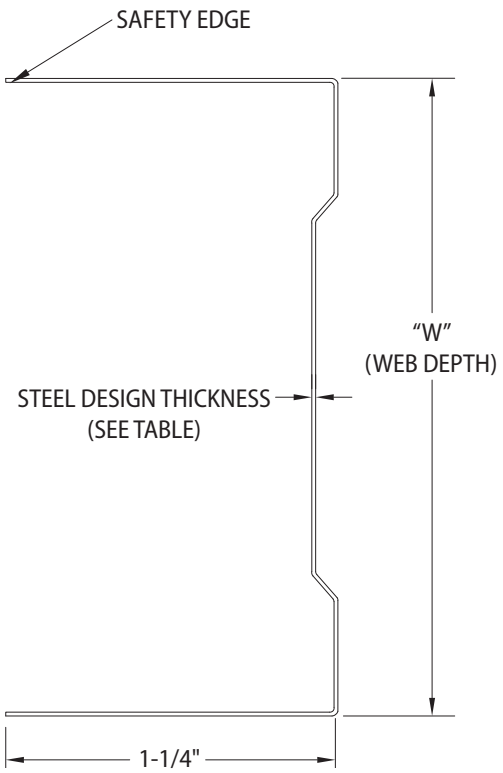
Geometric Properties

6" x 1-1/4" flange Viper-X Tracks are 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.

Steel Thickness

Member	Design Thickness (in)	Minimum Thickness (in)	Yield (ksi)	Web Depth (W) (in)	Coating[4]	Flange (in)
600VXT125-18	0.0188	0.0179	57	6	G40	1-1/4

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.
4. G60 and G90 available upon request. Will require extended lead time and upcharge.



Color Code (painted on ends): Dark Gray

ASTM & Code Standards:
- ASTM A653/A653M, A924/A924M, A1003/1003, C645 & C754, E119
- IAPMO ER-0524
- 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

Interior Non-Load Bearing Track Section Properties

Member	Yield (ksi)	Design Thickness (in)	Gross Properties								Effective Properties				Torsional Properties				
			Weight (lb/ft)	Area (in^2)	Ix (in^4)	Sx (in^3)	Rx (in)	Sy (in^3)	Iy (in^3)	Ry (in)	Ixe (in^4)	Sxe (in^3)	Ma (k-in)	Vag (k)	J ($x10^{-6}$) (in^4)	Cw (in^6)	Xo (in)	Ro (in)	ß
600VXT125-18	57	0.0188	0.543	0.160	0.761	0.253	2.183	0.078	0.017	0.327	0.402	0.097	2.769	0.479	18.820	0.123	-0.479	2.259	0.955

Notes:
1. Section properties are in accordance with AISI S100 & S220.
2. Web depth for track sections is equeal to the nominal height plus 2 times the design thickness plus the bend radius.
3. For deflection calculations, use the effective moment of inertia.