CEMCO®
Expanding Your Solutions

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162VXT150-22 VIPER-X INTERIOR TRACK

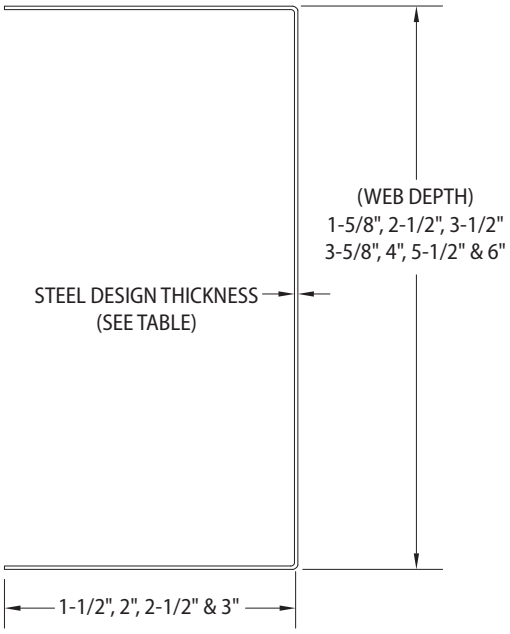
Geometric Properties

1-5/8" x 1-1/2" 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)
162VXT150-22	0.0235	0.0223	57	1-5/8	G40	1-1/2

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): Pink & Black

ASTM & Code Standards:
- ASTM A653/A653M, A924/A924M, A1003/1003, C645 & C754, E119
- IAPMO ER-0524
- IBC: 2012, 2015, 2018
- CBC: 2013, 2016, 2019
- AISI: S100-07, S100-12, S100-16, S220-11, S220-15

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
162VXT150-22	57	0.0235	0.369	0.109	0.056	0.067	0.716	0.052	0.026	0.490	0.029	0.025	0.722	0.728	19.982	0.013	-1.082	1.387	0.391

Notes:
1. Section properties are in accordance with AISI S100-16.
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.