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## 250VXT125-18 VIPER-X INTERIOR TRACK

## **Geometric Properties**

2-1/2" 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)	<b>Yield</b> (ksi)	Web Depth (W) (in)	<b>Coating</b> <sup>4</sup>	Flange (in)
250VXT125-18	0.0188	0.0179	57	2-1/2	G40	1-1/4
Notes: 1. Uncoated steel thickness 2. Minimum thickness repr 3. Per ASTM C645 & A100 4. G60 and G90 available u Color Code (pain ASTM & Code S 1. ASTM A653/A653 1. APMO ER-0524 1. BC: 2012, 2015, 3 1. CBC: 2013, 2016, AISI: S100-07, S1	resents 95% of ti 3. upon request. Wi <b>nted on ei</b> <b>Standards:</b> 3M, A924/AS 2018 2019	he design thicknes ill require extender <b>nds):</b> Dark Gr 324M, A1003/	ss and is the mini d lead time and u ray 1003, C645 &	pcharge.	355.	
EED v4 for Buil MR Prerequisite: MR Credit: Constr MR Credit: Buildin MR Credit: Buildin Options 1 & 2. MR Credit: Buildin MR Credit: Buildin EMCO cold-for Total Recycled Con	Construction ruction and E ng Product D ng Product D ng Product D ng Life-Cycle <b>rmed stee</b>	and Demolitic Demolition Wa isclosure and ( isclosure and ( isclosure and ( Impact Reduc I framing p	on Waste Mai ste Managem Optimization - Optimization - Optimization - tion, Option 4 <b>roducts co</b>	nent. – Sourcing of Raw – Environmental Pr – Material Ingredie I. <b>Ontain 30% to 3</b>	Materials, Op roduct Declara ents, Option 1. <b>37% recycle</b>	tions,

**CSI Division:** 09.22.16 – Non-Structural Metal Framing

## Interior Non-Load Bearing Track Section Properties

	Yield (ksi)	Design Thickness (in)	Gross Properties							Effective Properties				<b>Torsional Properties</b>					
			Weight (Ib/ft)	Area (in²)	<b>lx</b> (in <sup>4</sup> )	<b>Sx</b> (in <sup>3</sup> )	<b>Rx</b> (in)	<b>Sy</b> (in³)	<b>ly</b> (in³)	<b>Ry</b> (in)	<b>lxe</b> (in <sup>4</sup> )	<b>Sxe</b> (in <sup>3</sup> )	Ma (k-in)	Vag (k)	<b>J</b> (x10⁻⁶) (in⁴)	<b>Cw</b> (in <sup>6</sup> )	<b>Xo</b> (in)	<b>Ro</b> (in)	ß
250VXT125-18	57	0.0188	0.319	0.094	0.098	0.078	1.023	0.043	0.014	0.389	0.055	0.033	0.945	0.779	11.067	0.017	-0.729	1.315	0.692

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.





