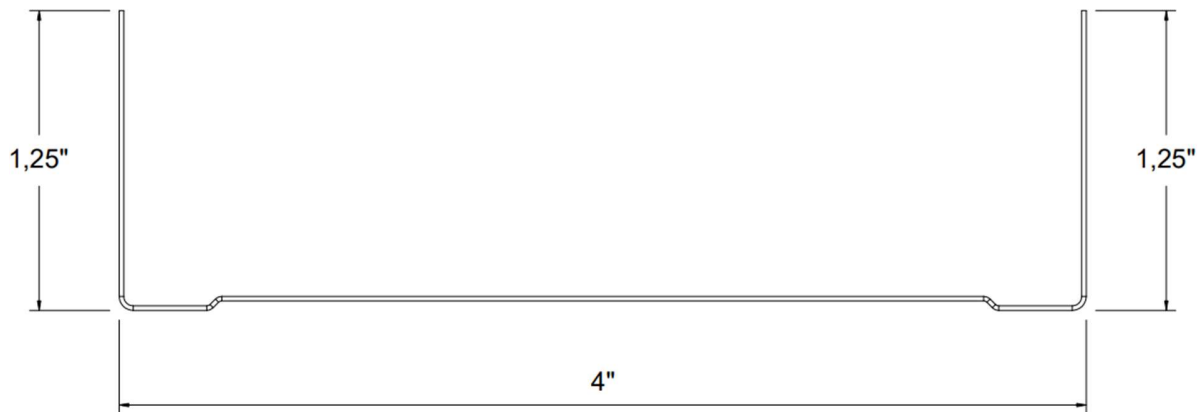


Product Type: Drywall Track
Product Definition: 400T125-30 33ksi
CSI Code: 09.22.16.13



Profile Properties:

Web Depth	4,000 in	Yield Strength:	33 ksi
Flange Width	1,250 in	Unit Weight	0,68 lb/ft
Design Thickness	0,0312 in	Finish	G40
Minimum Thickness	0,0296 in	Color Coding	Pink

Gross Section Properties:

Cross Sectional Area	Agross	0,2010 in ²
Moment of Inertia, x-axis	Ix	0,4561 in ⁴
Radius of Gyration, x-axis	rx	1,5162 in
Moment of Inertia, y-axis	Iy	0,0277 in ⁴
Radius of Gyration, y-axis	ry	0,3737 in

Torsional Properties:

St. Venant Torsion Constant	J x 1000	0,0644 in ⁴
Warping Constant	Cw	0,0730 in ⁶
Distance Between Shear Axis and Neutral Axis	x0	-0,6348 in
Polar Radius of Gyration	r0	1,6857 in
Torsional Flexural Constant	β	0,8582
Limit of Unbraced Length	Lu	35,02 in





Effective Section Properties:

Effective Area	A _{eff}	0,1814 in ²
Effective Moment of Inertia for Deflection	I _{xe}	0,4380 in ⁴
Effective Section Modulus	S _{xe}	0,1772 in ³
Allowable Bending Moment	M _a	3,3000 in.K
Allowable Shear Force	V _{ag}	737 lbs

Codes & Standards:

- Calculations are based on AISI S220-20 and AISI S100-16.
- Complies with IBC2021, ASTM C645, ASTM C754, ASTM A653, ASTM A1003, ASTM E72
- Intertek Certificate of Compliance No: COC-WHI23-37729201
- LEED / Sustainability Credits: Environmental Product Declaration S-P Code: S-P-00869

