

Marino\WARE® Product Submittal Data

PRODUCT NAME: 2" Cold Rolled Channel (CRC)

MARINO\WARE PART # 200CU16

PROPERTIES:

A. (in)	2	Yield Strength Fy (KSI)	50
B. (in)	1/2	Mils	54
Available Finish	G90	Gauge	16
		Design Thickness (in)	0.0566
		Minimum Thickness (in)	0.0538

SECTION PROPERTIES

GROSS SECTION PROPERTIES

Cross Sectional Area: A (in²)	0.157
Weight of Member: (lb/ft)	0.54
Moment of Inertia: Ix (in⁴)	0.079
Radius of Gyration: Rx (in)	0.709
Gross Moment of Inertia: Iy (in⁴)	0.003

EFFECTIVE SECTION PROPERTIES

Radius of Gyration: Ry (in)	0.136
Moment of Inertia-Deflection: Ix (in⁴)	0.079
Section Modulus: Sx (in³)	0.079
Allowable Bending Moment: Ma (in-k)	1.87
Allowable strong axis shear: Va (lb)	1190

CODES & STANDARDS

- AISI S100-07 compliant
- ASTM C 955 compliant
- Galvanized steel sheet meets ASTM A 1003 & A 653

GREEN INFO

- LEED v3 & LEED v4 credits available.
- Contact Technical Services for more information.

05.40.00 Cold Formed Metal Framing Cold Rolled Channel (CRC)

