

Marino\WARE® Product Submittal Data

PRODUCT NAME: 2 X 2 UTILITY ANGLE

MARINO\WARE PART # 200CJ20

PROPERTIES:

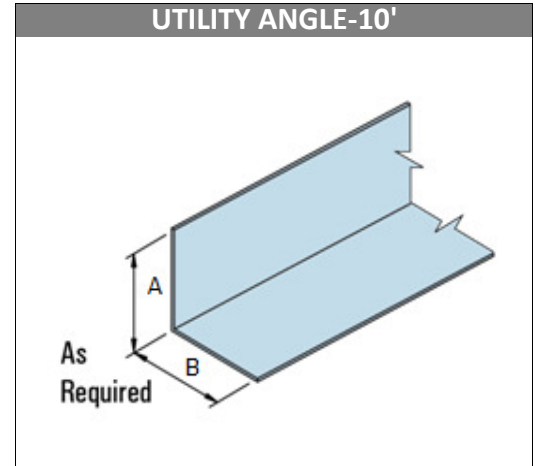
Leg A (in)	2	Yield Strength Fy (KSI)	33
Leg B (in)	2	Tensile Strength Fu (KSI)	45
Mils	33	Design Thickness (in)	0.0346
Available Finish	G40, G60 or G90	Minimum Thickness (in)	0.0329
		Gauge	20

SECTION PROPERTIES

GROSS SECTION PROPERTIES

Cross Sectional Area: A (in ²)	0.13581
Weight of Member: (lb/ft)	0.46176
Moment of Inertia: Ix (in ⁴)	0.08990
Section Modulus: Sx-t (in ³)	0.063568
Section Modulus: Sx-b (in ³)	0.063568
Gross Section Modulus: Sy-l (in ³)	0.031674
Gross Section Modulus: Sy-r (in ³)	0.030822
Gross Moment of Inertia: Iy (in ⁴)	0.02176

09.22.16 Non Structural Metal Framing
05.40.00 Cold-Formed Metal Framing



CODES & STANDARDS

- AISI S100-07, IBC 2009 compliant
- ASTM C 955 (33 mil - 118 mil) & ASTM C 645 (18 mil - 33 mil) compliant
- Galvanized steel sheet meets ASTM A 1003 & A 653

GREEN INFO LEED® v3

Available LEED® points in the following categories:

- MR Credit 2 - Construction Waste Management (1-2 points)
- MR Credit 4 - Recycled Content (1-2 points)
- MR Credit 5 - Regional Materials (1-2 points)
- Total Recycled Content: 34.9%
- Post Consumer Content: 24.3%
- Pre Consumer (Post Industrial) Content: 9.4%



For more information, please contact Marino\WARE Technical Services at 866-545-1545.

This technical information reflects the most current information available and supersedes any and all publications, effective 10/1/2011
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