

Marino\WARE® Product Submittal Data

PRODUCT NAME: 1-1/2 X 1-1/2 UTILITY ANGLE

MARINO\WARE PART # 112CJ20

PROPERTIES:

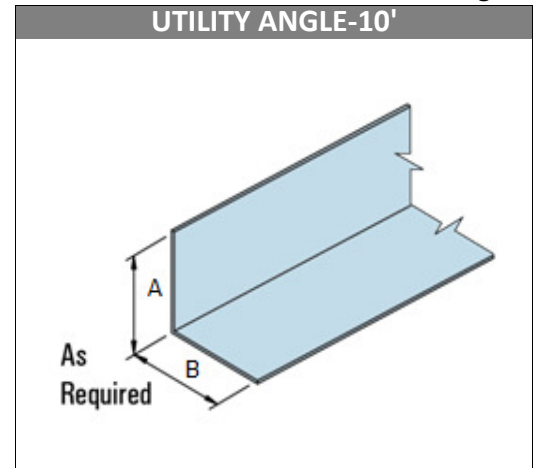
Leg A (in)	1-1/2	Yield Strength Fy (KSI)	33
Leg B (in)	1-1/2	Tensile Strength Fu (KSI)	45
Mils	33	Design Thickness (in)	0.0346
Available Finish	G40, G60 or G90	Minimum Thickness (in)	0.0329
		Gauge	20

SECTION PROPERTIES

GROSS SECTION PROPERTIES

Cross Sectional Area: A (in ²)	0.10121
Weight of Member: (lb/ft)	0.34412
Moment of Inertia: Ix (in ⁴)	0.037597
Section Modulus: Sx-t (in ³)	0.035447
Section Modulus: Sx-b (in ³)	0.035447
Gross Section Modulus: Sy-l (in ³)	0.017624
Gross Section Modulus: Sy-r (in ³)	0.016997
Gross Moment of Inertia: Iy (in ⁴)	0.008991

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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