

Marino\WARE® Product Submittal Data

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

MARINO\WARE PART # 112CJ12

PROPERTIES:

Leg A (in)	1-1/2	Yield Strength Fy (KSI)	50
Leg B (in)	1-1/2	Tensile Strength Fu (KSI)	65
Mils	97	Design Thickness (in)	0.1017
Available Finish	G40, G60 or G90	Minimum Thickness (in)	0.0966
		Gauge	12

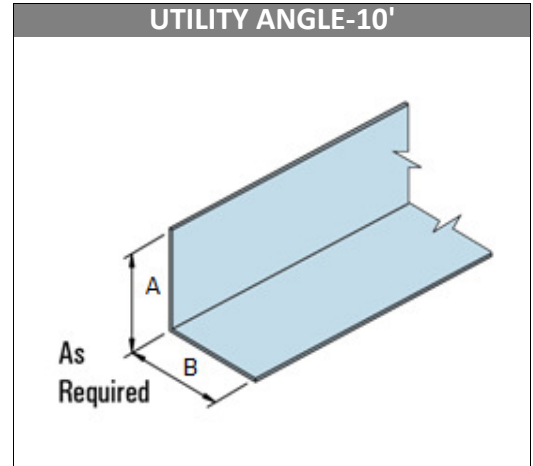
SECTION PROPERTIES

GROSS SECTION PROPERTIES

Cross Sectional Area: A (in ²)	0.28588
Weight of Member: (lb/ft)	0.97199
Moment of Inertia: Ix (in ⁴)	0.10325
Section Modulus: Sx-t (in ³)	0.097345
Section Modulus: Sx-b (in ³)	0.097345
Gross Section Modulus: Sy-l (in ³)	0.046907
Gross Section Modulus: Sy-r (in ³)	0.043778
Gross Moment of Inertia: Iy (in ⁴)	0.02326

05.40.00 Cold-Formed Metal Framing

UTILITY ANGLE-10'



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
©Copyright 2011 by Ware Industries, Inc. All rights reserved