

# Marino\WARE® Product Submittal Data

**PRODUCT NAME:** 4 X 4 UTILITY ANGLE

**MARINO\WARE PART #** 400CJ16

**PROPERTIES:**

<b>Leg A (in)</b>	4	<b>Yield Strength Fy (KSI)</b>	50
<b>Leg B (in)</b>	4	<b>Tensile Strength Fu (KSI)</b>	65
<b>Mils</b>	54	<b>Design Thickness (in)</b>	0.0566
<b>Available Finish</b>	G40, G60 or G90	<b>Minimum Thickness (in)</b>	0.0538
		<b>Gauge</b>	16

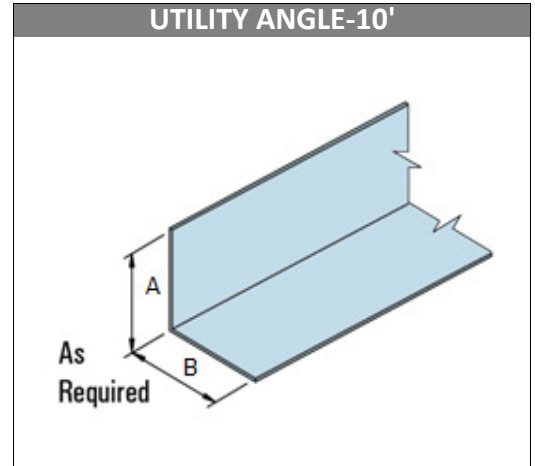
**SECTION PROPERTIES**

**GROSS SECTION PROPERTIES**

Cross Sectional Area: <b>A</b> (in <sup>2</sup> )	0.44685
Weight of Member: <b>(lb/ft)</b>	1.5193
Moment of Inertia: <b>Ix</b> (in <sup>4</sup> )	1.1821
Section Modulus: <b>Sx-t</b> (in <sup>3</sup> )	0.41793
Section Modulus: <b>Sx-b</b> (in <sup>3</sup> )	0.41793
Gross Section Modulus: <b>Sy-l</b> (in <sup>3</sup> )	0.20796
Gross Section Modulus: <b>Sy-r</b> (in <sup>3</sup> )	0.20486
Gross Moment of Inertia: <b>Iy</b> (in <sup>4</sup> )	0.2900

**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%



[www.marinoware.com](http://www.marinoware.com)

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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