

Marino\WARE® Product Submittal Data

PRODUCT NAME: 4 X 4 UTILITY ANGLE

MARINO\WARE PART # 400CJ18

PROPERTIES:

Leg A (in)	4	Yield Strength Fy (KSI)	33
Leg B (in)	4	Tensile Strength Fu (KSI)	45
Mils	43	Design Thickness (in)	0.0451
Available Finish	G40, G60 or G90	Minimum Thickness (in)	0.0428
		Gauge	18

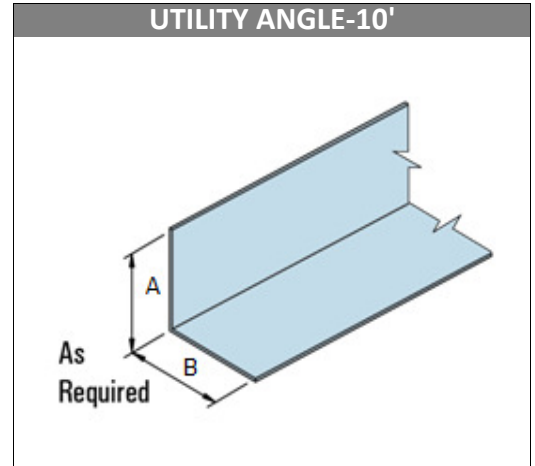
SECTION PROPERTIES

GROSS SECTION PROPERTIES

Cross Sectional Area: A (in ²)	0.35695
Weight of Member: (lb/ft)	1.2136
Moment of Inertia: Ix (in ⁴)	0.9460
Section Modulus: Sx-t (in ³)	0.33445
Section Modulus: Sx-b (in ³)	0.33445
Gross Section Modulus: Sy-l (in ³)	0.16664
Gross Section Modulus: Sy-r (in ³)	0.16455
Gross Moment of Inertia: Iy (in ⁴)	0.2328

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
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