

Marino\WARE® Product Submittal Data

PRODUCT NAME: 7/8 x 1-3/8 UTILITY ANGLE

PROPERTIES:

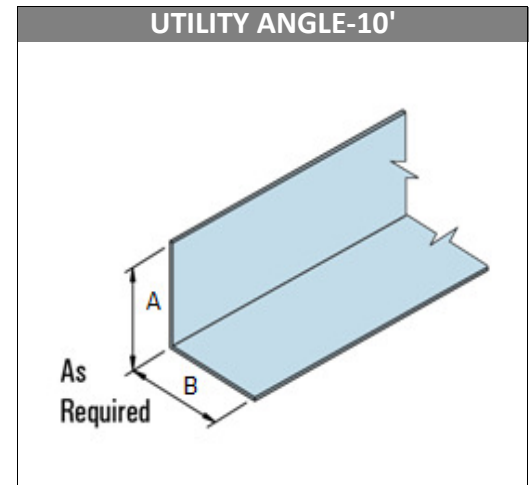
Leg A (in)	7/8	Yield Strength Fy (KSI)	33
Leg B (in)	1-3/8	Tensile Strength Fu (KSI)	45
Mils	18	Design Thickness (in)	0.0188
Available Finish	G40, G60, G90	Minimum Thickness (in)	0.0179
		Gauge	25

SECTION PROPERTIES

GROSS SECTION PROPERTIES

Cross Sectional Area: A (in ²)	0.0412
Weight of Member: (lb/ft)	0.1401
Moment of Inertia: I_x (in ⁴)	0.0087
Section Modulus: S_{x-t} (in ³)	0.0109
Section Modulus: S_{x-b} (in ³)	0.0110
Gross Section Modulus: S_{y-l} (in ³)	0.0068
Gross Section Modulus: S_{y-r} (in ³)	0.0049
Gross Moment of Inertia: I_y (in ⁴)	0.0027

09.22.16 Non Structural Metal Framing



CODES & STANDARDS

- AISI S100, IBC 20105, 2018, 2021 compliant
- ASTM C955 & AISI S240 (33 mil - 118 mil)
- ASTM C645 & AISI S220 (18 mil - 33 mil)
- Galvanized steel sheet meets ASTM A1003 or A653

GREEN INFO

- LEED credits available
- Contact Technical Services for more information.