

Marino\WARE® Product Submittal Data

PRODUCT NAME: 1 X 1 UTILITY ANGLE

PROPERTIES:

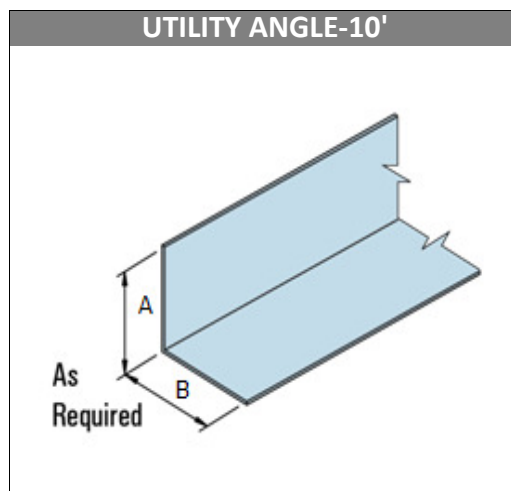
Leg A (in)	1	Yield Strength F_y (KSI)	33
Leg B (in)	1	Tensile Strength F_u (KSI)	45
Mils	18	Design Thickness (in)	0.0188
Available Finish	G40, G60, G90	Minimum Thickness (in)	0.0179
		Gauge	25

SECTION PROPERTIES

GROSS SECTION PROPERTIES

Cross Sectional Area: A (in ²)	0.0365
Weight of Member: (lb/ft)	0.1241
Moment of Inertia: I_x (in ⁴)	0.0061
Section Modulus: S_x-t (in ³)	0.0086
Section Modulus: S_x-b (in ³)	0.0086
Gross Section Modulus: S_y-l (in ³)	0.0043
Gross Section Modulus: S_y-r (in ³)	0.0041
Gross Moment of Inertia: I_y (in ⁴)	0.0014

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.