Marino\WARE® Product Submittal Data

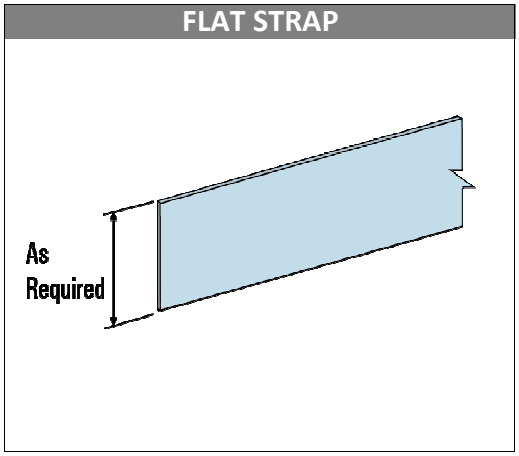
PRODUCT NAME: **8 FLAT STRAP**

MARINO\WARE PART # 800CS18

PROPERTIES:

Width (in)	8	**Yield Strength Fy (KSI)**	33
Mils	43	**Tensile Strength Fu (KSI)**	45
Available Finish	G40, G60, G90	**Design Thickness (in)**	0.0451
		Minimum Thickness (in)	0.0428
		Gauge	18

05.40.00 Cold-Formed Metal Framing



SECTION PROPERTIES

GROSS SECTION PROPERTIES

Cross Sectional Area: **A** (in^2)	0.3608
Weight of Member: **(lb/ft)**	1.2267
Moment of Inertia: **Ix** (in^4)	0.0001
Section Modulus: **Sx** (in^3)	0.0027
Gross Section Modulus: **Sy** (in^3)	0.4811
Gross Moment of Inertia: **Iy** (in^4)	1.9243

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.

This technical information reflects the most current information available and supersedes any and all publications, effective 4/5/2024
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