

Marino\WARE® Product Submittal Data

PRODUCT NAME: 4 FLAT STRAP

MARINO\WARE PART # 400CS20

PROPERTIES:

Width (in)	4	Yield Strength Fy (KSI)	33
Mils	33	Tensile Strength Fu (KSI)	45
Available Finish	G40, G60 or G90	Design Thickness (in)	0.0346
		Minimum Thickness (in)	0.0329
		Gauge	20

SECTION PROPERTIES

GROSS SECTION PROPERTIES

Cross Sectional Area: A (in ²)	0.13840
Weight of Member: (lb/ft)	0.47056
Moment of Inertia: Ix (in ⁴)	0.00001
Section Modulus: Sx (in ³)	0.000798
Gross Section Modulus: Sy (in ³)	0.092267
Gross Moment of Inertia: Iy (in ⁴)	0.18453

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

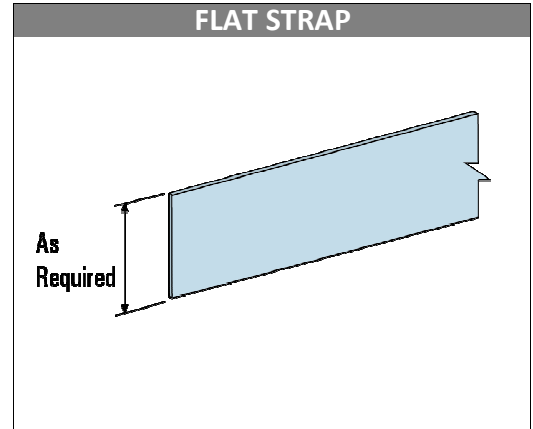
GREEN INFO LEED® v3

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%

09.22.16 Non Structural Metal Framing
05.40.00 Cold-Formed Metal Framing



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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