

# Marino\WARE® Product Submittal Data

**PRODUCT NAME:** 1-1/2 FLAT STRAP

**MARINO\WARE PART #** CS

## PROPERTIES:

<b>Width (in)</b>	1-1/2	<b>Yield Strength Fy (KSI)</b>	50
<b>Mils</b>	97	<b>Tensile Strength Fu (KSI)</b>	65
<b>Available Finish</b>	G40, G60 or G90	<b>Design Thickness (in)</b>	0.1017
		<b>Minimum Thickness (in)</b>	0.0966
		<b>Gauge</b>	12

## SECTION PROPERTIES

### GROSS SECTION PROPERTIES

<b>Cross Sectional Area: A (in<sup>2</sup>)</b>	0.15255
<b>Weight of Member: (lb/ft)</b>	0.51867
<b>Moment of Inertia: Ix (in<sup>4</sup>)</b>	0.000131
<b>Section Modulus: Sx (in<sup>3</sup>)</b>	0.002586
<b>Gross Section Modulus: Sy (in<sup>3</sup>)</b>	0.038138
<b>Gross Moment of Inertia: Iy (in<sup>4</sup>)</b>	0.028603

## 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

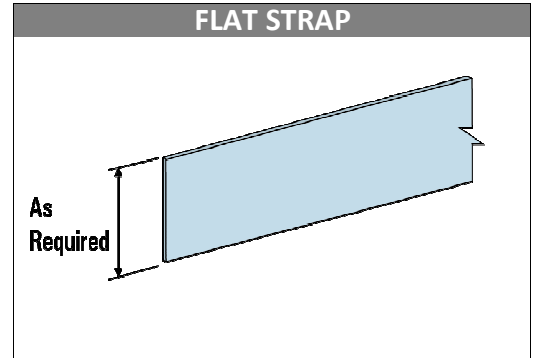
## GREEN INFO LEED® v3

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%

## 05.40.00 Cold-Formed Metal Framing

### FLAT STRAP



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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