

CRC

1.5CRCG90

Product Description

1 1/2" 16 GAUGE CRC G90
COATED

Coating

G90
*Also available in G90 coating

Physical Properties

Design Thickness (in)	0.0566
Minimum Thickness (in)	0.0538
Web depth (in)	1.5
Leg width (in)	0.5
Yield Strength (ksi)	33



Gross Section Properties

Cross Sectional Area (A)	0.13
Weight of Member (lb/ft)	0.441
Moment of Inertia (Ix)	0.039
Radius of Gyration (Rx)	0.549
Gross Moment of Inertia (Iy)	0.003
Gross Radium of Gyration (Ry)	0.146

ASTM & Code Standards

- AISI S100-012
- Structural framing is produced to meet or exceed ASTM C955
- Galvanized sheet steel meets or exceeds requirements of ASTM A1003

Effective Section Properties

Moment of Inertia for deflection (Ixe)	0.039
Section Modulus (Sxe)	0.052
Allowable Bending moment (Ma)	1.23
Allowable shear force (Va)	840

Note

Standard stock lengths are 10' and 16' - Available in other lengths upon request.

Mill Steel Framing LEED Green Credits

- MR Credit 2** • ConstructionWaste Management - Mill Steel Framing steel framing is 100% recyclable
- MR Credit 4** • Recycled Content - Mill Steel Framing products contain no less than 25.5% post-consumer and 6.8% pre-consumer recycled content
- MR Credit 5** • Regional Materials - Mill Steel Framing has manufacturing facilities in Indiana, Alabama & Texas
- V4 MR Credits** • Building Product Disclosure and Optimization EPD (1 point)
- Materials Ingredients (1 point) - Construction and Demolition Waste Management (1 point)

