

## DWC

## DWC1.518GAG90

### Product Description

1.5 FURRING CHANNEL 18 GA  
G90

### Coating

G90  
\*Also available in G60 &  
G90 coating

### Physical Properties

Design Thickness (in)	0.0451
Web depth (in)	1.25
Leg width (in)	0.5
Height (in)	1.5
Yield Strength (ksi)	33



### Gross Section Properties

Cross Sectional Area (A)	0.225
Weight of Member (lb/ft)	0.764
Moment of Inertia (Ix)	0.071
Radius of Gyration (Rx)	0.563
Gross Moment of Inertia (Iy)	0.119
Gross Radium of Gyration (Ry)	0.728

### Effective Section Properties

Moment of Inertia for deflection (Ixe)	0.071
Section Modulus (Sxe)	0.091
Allowable Bending moment (Ma)	149.7
Allowable shear force (Va)	613

### 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

### Note

Standard stock lengths are 10' and 12' - 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)

