

DWC

DWC7/820GA

Product Description	7/8" FURRING CHANNEL 20 GAUGE
Coating	G40 *Also available in G60 & G90 coating

Physical Properties

Design Thickness (in)	0.0312
Web depth (in)	1.25
Leg width (in)	0.5
Height (in)	0.875
Yield Strength (ksi)	33



Gross Section Properties

Cross Sectional Area (A)	0.118
Weight of Member (lb/ft)	0.401
Moment of Inertia (Ix)	0.014
Radius of Gyration (Rx)	0.35
Gross Moment of Inertia (Iy)	0.056
Gross Radium of Gyration (Ry)	0.691

Effective Section Properties

Moment of Inertia for deflection (Ixe)	0.014
Section Modulus (Sxe)	0.031
Allowable Bending moment (Ma)	50.98
Allowable shear force (Va)	420

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

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| 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) |

