

PrimeWall® Furring Channel

087F125-18, 33 ksi, G40

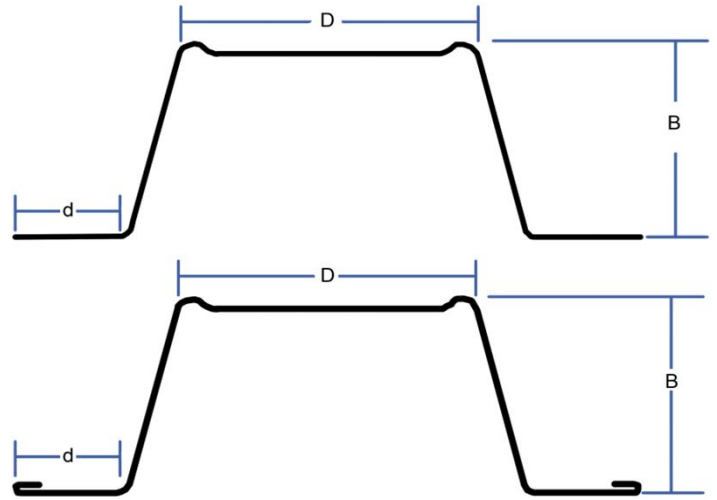
The Steel Network, Inc.

www.steelnetwork.com

1-888-474-4878



Product Profile		
Web Depth (D)	1.25	in
Flange Width (B)	0.875	in
Return Lip (d)	0.5	in
Gauge	25	ga
Design Thickness (t)	0.0188	in
Minimum Steel Thickness (t _{min})	0.0179	in
Mechanical Properties		
ASTM Standard	A1003 / A1003M NS33 [NS230]	
Minimum Yield Strength	33 (230)	ksi (MPa)
Minimum Tensile Strength		ksi (MPa)
Coating Weight	G40 (Z120)	
Gross Properties		
Area (in ²)	0.070	in ²
Unit Weight (lbs/ft)	0.239	(lbs/ft)
Moment of Inertia (I _x)	0.009	in ⁴
Radius of Gyration (R _x)	0.356	in
Moment of Inertia (I _y)	0.035	in ⁴
Radius of Gyration (R _y)	0.710	in
Effective Properties		
Moment of Inertia for Deflection (I _x)	0.009	in ⁴
Section Modulus (S _x)	0.016	in ³
Allowable Bending Moment (M _a)	0.317	kips-in



- 18 mil furring channel is hemmed; All other thicknesses are unhemmed.
- PrimeWall Furring Channel is produced to meet or exceed ASTM C645, A653, and A1003.
- Galvanized sheet steel meets or exceeds requirements of ASTM A924 & A1003.