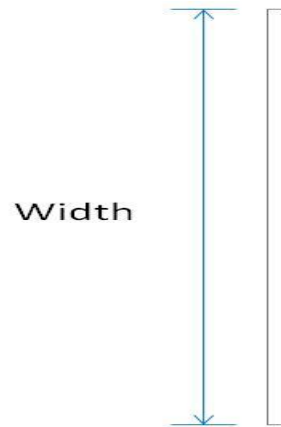


Member Designator **500FS-18**

Coating G40EQ

Physical Properties

Design Thickness 0.0188 in
 Mil 18 mil
 Gauge 25 Gauge
 Width 5.00 in
 Yield Strength 33 ksi
 Weight Per Foot 0.319 lb/ft



| Leg Length | Thickness (mils) | Gauge | Length |
|------------|------------------|-------|-----------------------|
| 1" | | | 10' or custom lengths |
| 1-1/2" | | | |
| 2" | 18 | 25 | |
| 3" | 27 | 22 | |
| 4" | 30 | 20D | |
| 5" | 33 | 20S | |
| 6" | 43 | 18 | |
| 7" | 54 | 16 | |
| 8" | 68 | 14 | |
| 9" | 97 | 12 | |
| 10" | | | |
| 11" | | | |
| 12" | | | |

General Notes

- Physical properties and load tables have been calculated in conformance with the 2001 NASPEC for the Design of Cold-Formed Steel Structural Members, including the 2004 Supplement, and the IBC 2006, unless noted otherwise.
- Drywall framing members have a protective coating conforming to ASTM spec A 653/A 653M, G-40 min, or equivalent corrosion resistance.
- Reference ASTM specification A 1003/A 1003 M table 1 for the universe of allowable coatings for light gauge steel framing.
- Drywall framing members are marked with product information per the requirements of ASTM C 645 section 14.
- All delivered material must be kept dry, preferably by being stored inside a building under a roof. If it is necessary to store material outside, it must be stacked off the ground, properly supported on a level platform, and fully protected from the weather. Reference ASTM C 754 section 8 and ASTM C 1007 section 4.
- Drywall framing [nonstructural 25 gauge, 22 gauge and 20 gauge] is not permitted in load bearing (i.e. axial load greater than 200 lbs.) or exterior applications (i.e. transverse load greater than 10 PSF). Reference ASTM C 645 section 3.2.2.

LEED Green Building Credits

MR Credit 2: Construction Waste Management – MBA steel framing is 100% recyclable.
 MR Credit 4: Recycled Content – MBA steel framing is formed from no less than 25.5% post-consumer and 6.8% pre-consumer recycled content.
 MR Credit 5: Regional Materials – MBA has manufacturing facilities in multiple states.