

## Angle

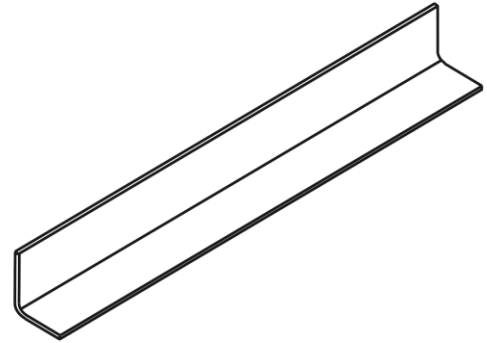
Angle can be used in a variety of applications. Angle is available in a full range of gauges, leg lengths, and bend angles.

| Leg Length      | Thickness (mils) | Gauge | Length                |
|-----------------|------------------|-------|-----------------------|
| 7/8" x 1-3/8"   | 18               | 25    | 10' or custom lengths |
|                 | 27               | 22    |                       |
|                 | 30               | 20    |                       |
| 1-1/2" x 1-1/2" | 18               | 25    |                       |
|                 | 27               | 22    |                       |
|                 | 30               | 20    |                       |
|                 | 43               | 18    |                       |
| 2" x 2"         | 54               | 16    |                       |
|                 | 18               | 25    |                       |
|                 | 27               | 22    |                       |
|                 | 30               | 20    |                       |
|                 | 43               | 18    |                       |
| 3" x 3"         | 54               | 16    |                       |
|                 | 68               | 14    |                       |
|                 | 18               | 25    |                       |
|                 | 27               | 22    |                       |
|                 | 30               | 20    |                       |
|                 | 43               | 18    |                       |
|                 | 54               | 16    |                       |
|                 | 68               | 14    |                       |

### Steel Thickness

| Mils | Gauge | Thickness (in) |                      |
|------|-------|----------------|----------------------|
|      |       | Design         | Minimum <sup>1</sup> |
| 18   | 25    | 0.0188         | 0.0179               |
| 27   | 22    | 0.0283         | 0.0269               |
| 30   | 20    | 0.0312         | 0.0296               |
| 43   | 18    | 0.0451         | 0.0428               |
| 54   | 16    | 0.0566         | 0.0538               |
| 68   | 14    | 0.0713         | 0.0677               |

<sup>1</sup> Minimum Thickness represents 95% of the design thickness and is the minimum acceptable thickness delivered to the job site based on Section A3.4 of the 1996 AISI Specification.



### General Notes

- 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.