

## Z-Furring

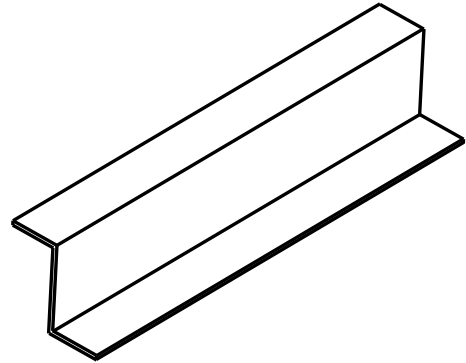
Z-Furring is used to provide support for insulation while allowing for drywall attachment at masonry or concrete walls. Z-furring is available in 18, 27, 30 and 43 mil thicknesses (25-18ga.) and 1", 1-1/2", 2" and 2-1/2" depths.

| Size   | Thickness (mils) | Gauge | Length                           |
|--------|------------------|-------|----------------------------------|
| 1"     | 18               | 25    | 8'6", 10', 12' or custom lengths |
|        | 27               | 22    |                                  |
|        | 30               | 20    |                                  |
|        | 43               | 18    |                                  |
| 1-1/2" | 18               | 25    |                                  |
|        | 27               | 22    |                                  |
|        | 30               | 20    |                                  |
|        | 43               | 18    |                                  |
| 2"     | 18               | 25    |                                  |
|        | 27               | 22    |                                  |
|        | 30               | 20    |                                  |
|        | 43               | 18    |                                  |
| 2-1/2" | 18               | 25    |                                  |
|        | 27               | 22    |                                  |
|        | 30               | 20    |                                  |
|        | 43               | 18    |                                  |

### 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               |

<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

1. Structural framing members have a protective coating conforming to ASTM C 955.
2. Drywall framing members have a protective coating conforming to ASTM spec A 653/A 653M, G-40 min, or equivalent corrosion resistance.
3. Reference ASTM specification A 1003/A 1003 M table 1 for the universe of allowable coatings for light gauge steel framing.
4. 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.
5. 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.