



Options:

- ◆ STC Rated Panels up to 55 dBA
- ◆ Mylar, Polyethylene or Fiberglass Cloth Lining
- ◆ Framed Cutouts/Opening
- ◆ Primer or Finish Paint
- ◆ Multiple Gauge Construction
- ◆ Variety of materials available
- ◆ Custom Designs per You Acoustical/Thermal Requirements
- ◆ Multiple Insulation Materials and Densities

Thermal Performance:

Individual panels will have a "U" factor 0.07 and an entire panel enclosure will have a 0.14

Fire Hazard Rating:

Standard acoustical fill will have the following UL Fire Hazard Ratings as per ASTM E-84:
Flame Spread -15 / Fuel Contributed -0 / Smoke Developed -0

Acoustical Performance* - Standard Construction

| Sound Transmission Loss (ASTM E-90-81) | | | | | *All acoustical tests were performed and reported by an Independent Accredited Acoustical Laboratory. Copies of test reports furnished upon request. | | |
|--|-----|-----|-----|------|--|------|-----|
| Octave Band Center Frequency (Hz) | 125 | 250 | 500 | 1000 | 2000 | 4000 | STC |
| 4" Panel (TL in dB) | 22 | 29 | 40 | 48 | 54 | 60 | 41 |
| 2" Panel (TL in dB) | 21 | 24 | 35 | 43 | 52 | 57 | 37 |

Standard Construction

| Sound Absorption Coefficients (ANSI/ASTM C243-81 and E795) | | | | | | | |
|--|-----|------|------|------|------|------|------|
| Octave Band Center Frequency (Hz) | 125 | 250 | 500 | 1000 | 2000 | 4000 | NRC |
| 4" Panel | .86 | 1.09 | 1.22 | 1.06 | 1.05 | 1.04 | 1.10 |
| 2" Panel | .31 | .82 | 1.19 | 1.12 | 1.07 | 1.06 | 1.11 |