

PERFORMANCE DATA

Noise Reduction (dB)

| Type | Noise Reduction (dB) Measured at Octave Band Center Frequencies | | | | | | | |
|---------------------|---|--------|--------|--------|-------|-------|-------|-------|
| | 63 Hz | 125 Hz | 250 Hz | 500 Hz | 1K Hz | 2K Hz | 4K Hz | 8K Hz |
| Fiberglass | 13 | 11 | 17 | 28 | 39 | 40 | 32 | 26 |
| Fiber Free Foam | 15 | 9 | 10 | 10 | 17 | 26 | 30 | 32 |
| Aluminum Foil Liner | 13 | 10 | 12 | 27 | 36 | 28 | 26 | 23 |

Pressure Drop (in. w.g.)

| Velocity (fpm) | 100 | 200 | 300 | 400 | 500 |
|----------------|------|------|------|------|------|
| in. w.g. | 0.01 | 0.04 | 0.07 | 0.10 | 0.15 |

Performance Notes:

1. Velocity based on cross-sectional area (T x W)
2. Data tables are derived from test data in conformance with ASTM E477-20, with the Cross Talk specimen located at opening of the reverberation room.
3. Difficulty opening doors may be experienced for pressure drops exceeding 0.05 in. w.g.