

BSC-24

NOISE BARRIER/ SOUND ABSORBER COMPOSITE

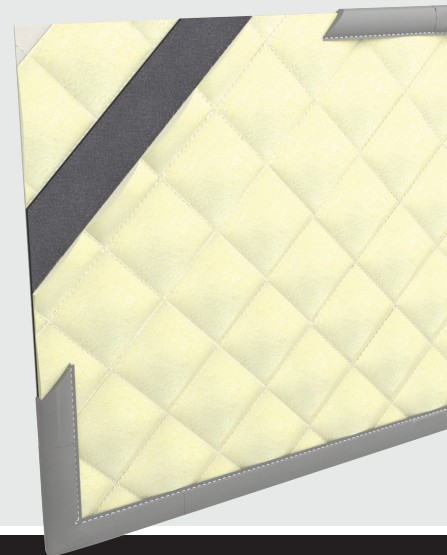
The barrier septum configuration of Memtech's **BSC-24** product offers the benefits of both a sound absorber and noise barrier. Each curtain is custom fabricated to include a non-reinforced 1-lb psf loaded vinyl barrier sandwiched between two layers of 1" thick quilted fiberglass sound absorbers.

FEATURES:

- Excellent acoustical performance (STC-29/NRC .75)
- Class A fire rated per ASTM E-84
- Flame Spread: 5.07
- Smoke Density: 0.45
- Temperature Range: -40° to +240° F
- Weight: 1.70 lb psf
- Available in bound or unbound rolls @ 4' x 25'

APPLICATIONS:

- Lining the stud cavity of staggered stud drywall construction
- Laid on top of ceiling tiles to improve transmission loss
- Suspended from roof decks to close gaps between rooms to prevent noise flanking over the top of partition walls
- Used over existing walls in mechanical rooms or similar



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ACOUSTICAL PERFORMANCE

| Sound Transmission Loss Coefficients at the Octave Band Frequencies (Hz) | | | | | | | |
|--|-----|-----|-----|----|----|----|-----|
| Frequency (Hz) | 125 | 250 | 500 | 1K | 2K | 4K | STC |
| BSC-24 | 12 | 16 | 27 | 40 | 44 | 43 | 29 |

ASTM E-90 & E 413

| Sound Absorption Coefficients at the Octave Band Frequencies | | | | | | | |
|--|-----|-----|-----|-----|-----|-----|-----|
| Frequency (Hz) | 125 | 250 | 500 | 1K | 2K | 4K | NRC |
| BSC-24 | .45 | .96 | .87 | .66 | .47 | .30 | .75 |

ASTM C 423

SIZING

Rolls are available 4' wide up to 25' long, or available die-cut to 2' x 4' to lay on top of standard ceiling tiles



MORE SPECIFICATIONS:
Visit memtechacoustics.com
or call **248.289.1123**



www.memtechacoustics.com

