Memtech Acoustics

SPEC DATA SHEET **BSC SERIES**

BSC-22

NOISE BARRIER / SOUND ABSORBER COMPOSITE

The barrier septum configuration of Memtech's **BSC-22** 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" quilted fiberglass absorbers. One layer of quilted fiberglass has scrim facing; the other side has vinyl-coated fiberglass-cloth facing. Each is finished with grommets across the top, and vertical-mating Velcro along the edges for easy installation.

FEATURES:

- Excellent acoustical performance (STC-29 / NRC .75)
- Class A fire rated per ASTM E-84
- Flame Spread: 22.78
- Smoke Density: 30.56
- Temperature Range: -20° to +180° F
- Weight: 1.50 lb psf
- Available in bound or unbound rolls @ 4' x 25'

APPLICATIONS:

- Commonly used in manufacturing spaces
- Curtain panels in an acoustical enclosure
- Free-hanging noise barrier / sound absorber composite wall
- Divider partition between noise sources
- Wall or ceiling lining in a mechanical room or building

BSC-22 NOISE BARRIER / SOUND ABSORBER COMPOSITE

ACOUSTICAL PERFORMANCE

Sound Transmission Loss Coefficients at the Octave Band Frequencies (Hz)							
Frequency (Hz)	**125**	**250**	**500**	**1K**	**2K**	**4K**	**STC**
BSC-22	12	16	27	40	44	43	29

ASTM E-90 & E 413

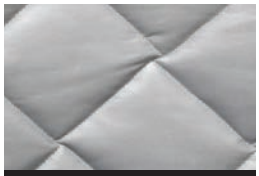
Sound Absorption Coefficients at the Octave Band Frequencies							
Frequency (Hz)	**125**	**250**	**500**	**1K**	**2K**	**4K**	**NRC**
BSC-22	.45	.96	.87	.66	.47	.30	.75

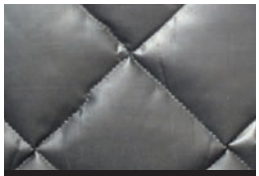
ASTM C 423

SIZING

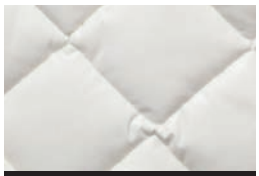
All standard curtains are manufactured at 48" x any desired length up to 25' with 2" nominal thickness. Custom width panels and special options are available upon request.

AVAILABLE COLORS


Grey


Black


Tan


White

Color Disclaimer — Due to inconsistencies of various monitors, lighting sources, digital photography and fabric dye lot variations, we cannot guarantee that the color you see on your screen accurately portrays the true color of the product. Screen images are intended as a guide only. Swatch samples available upon request.

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

Memtech Acoustics

www.memtechacoustics.com