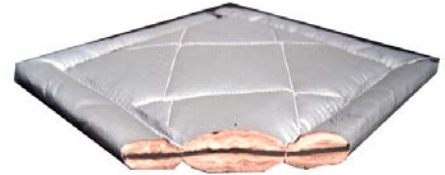


## BSC-25 Noise Barrier/Sound Absorber Composite

The barrier septum configuration offers the benefits of both sound absorbers and noise barriers. Sound Seal's **BSC-25** consists of a non-reinforced 1-lb psf loaded vinyl noise barrier sandwiched between two layers of 1" thick acoustical fiberglass sound absorbers, each quilted with a vinyl-coated-fiberglass-cloth facing. Curtain panels are constructed with grommets across the top and hook and loop fasteners along the vertical edges. Rolls are available 4' wide up to 25' long and can be either bound or unbound.



- Class A (or 1) flammability rated per ASTM E84
- STC rating 29
- NRC rating .75
- Available colors: gray, white, black, or tan

### Applications:

Typical uses include as acoustical curtain panels in acoustical curtain enclosures, as a free-hanging noise barrier/sound absorber composite wall, and as divider partitions between noise sources. BSC-25 products are commonly used to line the walls and/or ceiling of a mechanical room or building to reduce noise levels both inside and outside of the room / building.

### Product Data:

<b>Description</b>	Vinyl coated fiberglass cloth faced 1" quilted fiberglass sound absorber/ 1lb-psf non-reinforced loaded vinyl noise barrier/ Vinyl coated fiberglass cloth faced 1" quilted fiberglass sound absorber
<b>Flammability</b>	Class A: Flame Spread: 22.78 Smoke density: 30.56
<b>Nominal thickness</b>	2.00 inches
<b>Temperature range</b>	-20° to +180° F
<b>Standard roll size</b>	48 inch wide x 25 feet long
<b>Weight</b>	1.43 lb psf

### Acoustical Performance:

#### Sound Transmission Loss

Product	OCTAVE BAND FREQUENCIES (Hz)						STC
	125	250	500	1000	2000	4000	
BSC-25	12	16	27	40	44	43	29

ASTM E-90 & E 413

#### Sound Absorption Data

Product	OCTAVE BAND FREQUENCIES (Hz)						NRC
	125	250	500	1000	2000	4000	
BSC-25	.45	.96	.87	.66	.47	.30	.75

ASTM C 423