

BSC-25 Noise Barrier/Sound Absorber Composite

The barrier septum configuration offers the benefits of both sound absorption 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 vinyl-coated-fiberglass-cloth faced 1" quilted fiberglass sound absorbers.



- Curtain panels with grommets across the top and hook and loop fasteners along the vertical edges
- Rolls are available 4' wide x 25' long and can be supplied with edges bound or unbound
- Available colors: gray, white, black, or tan
- Class A (or 1) flammability rated per ASTM E84

Applications:

Typical uses include curtain panels in acoustical curtain enclosures. Also used as separator walls or divider partitions between noise sources. Commonly used to line the perimeter walls of a building, or as a free-hanging noise barrier/sound absorber wall.

Product Data:

Description	Vinyl coated fiberglass cloth faced 1" quilted fiberglass / 1lb-psf non-reinforced loaded vinyl barrier/ Vinyl coated fiberglass cloth faced 1" quilted fiberglass
Flammability	Class A: Flame Spread: 22.78 Smoke density: 30.56
Nominal thickness	2.00 inch
Temperature range	-20° to +180° F
Standard width	48" wide
Roll length	25' long
Weight	1.5 lb psf

Acoustical Performance:

Sound Transmission Loss

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

ASTM E-90 & E 413

Sound Absorption data

Product	OCTAVE BAND FREQUENCIES (Hz)						
	125	250	500	1000	2000	4000	NRC
BSC-25	.19	.99	.96	.80	.57	.33	.85

ASTM C 423