

BSC-SERIES

NOISE BARRIERS/SOUND ABSORBER COMPOSITES

Spec Data Sheet

BSC-22 Noise Barrier/Sound Absorber Composite

The barrier septum configuration offers the benefits of both sound absorption and noise barriers. The BSC-22 consists of 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. Curtain panels are constructed 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.



- Class A (or 1) flammability rated per ASTM E84
- Available colors: gray, white, black, or tan
- STC rating 29
- NRC rating .85

Applications:

Typical uses include curtain panels in acoustical curtain enclosures. Also used as separator walls or divider partitions. Commonly used to line the perimeter walls of a building.

Product Data

Description	Scrim faced 1" quilted fiberglass / 1lb-psf non-reinforced loaded vinyl barrier/ Vinyl coated fiberglass cloth facing on 1" quilted fiberglass
Flammability	Flame Spread: 22.78 Smoke density: 30.56
Nominal thickness	2 inches
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)						STC
	125	250	500	1000	2000	4000	
BSC-22	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-22	.19	.99	.96	.80	.57	.33	.85

ASTM C 423