

BSC-SERIES

NOISE BARRIERS/SOUND ABSORBER
COMPOSITES

BSC-25-2" Noise Barrier/Sound Absorber Composite

The barrier septum configuration offers the benefits of sound absorption and noise barriers. A non-reinforced 1-lb psf loaded vinyl barrier is sandwiched between 1" and a 2" layer of quilted fiberglass absorbers. 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 1 or A per ASTM E84
- STC rating 32
- NRC rating 0.85
- Available colors: gray, white, black, or tan

Applications:

Typical uses include modular curtain panels in acoustical curtain walls or enclosures. Also used as separator walls or divider partitions, or to line the perimeter walls or ceiling of a room or building to both reduce noise inside and outside of the room or building.

Product Data:

Description	2" vinyl faced quilted fiberglass/ 1LB-psf non-reinforced loaded vinyl barrier/ 1" vinyl faced quilted fiberglass
Nominal thickness	2.0"
Temperature range	-20° to +180° F
Standard roll size:	48" wide x 25' long
Weight	1.7 LB psf
Flammability	Class A: Flame Spread: 22.78 Smoke density: 30.56

Acoustical Performance:

Sound Transmission Loss Data

PRODUCT	OCTAVE BAND FREQUENCIES (Hz)						STC
	125	250	500	1000	2000	4000	
BSC-25-2"	13	20	29	40	50	55	32

Per ASTM E-90 & E-413

Sound Absorption Data:

PRODUCT	OCTAVE BAND FREQUENCIES (Hz)						NRC
	125	250	500	1000	2000	4000	
BSC-25-2"	.49	.99	.96	.80	.57	.33	.85

Per ASTM C-423

