

BBC-13-2" Noise Barrier/Sound Absorber Composite

BBC-13-2" offers the benefits of both a noise barrier and a sound absorber in one composite product. The BBC-13-2" consists of a two-inch thick vinyl-coated-fiberglass-cloth faced quilted fiberglass that is bonded to a one-pound per sq. ft. reinforced loaded vinyl barrier. Curtain panels are constructed with grommets across the top and Velcro seals along the vertical edges. Rolls are available 54" wide x 25' long and can be supplied with edges bound or unbound. (Note: barrier is 54" wide, quilt is 48" wide and is held 3" in from each vertical edge.)



- Class A (or 1) flammability rated per ASTM E- 84
- Available facing colors on quilt: gray, tan, black or off-white
- Available barrier colors: gray, tan, blue or olive drab

Applications:

Typically used as modular curtain panels in acoustical curtain enclosures where abuse resistance or excellent durability as well as maximum noise reduction is required. Also used as sliding acoustical doors, durable acoustical jacket on fans or as a temporary noise barrier on outdoor construction projects.

Product Data:

Description	Vinyl coated fiberglass cloth facing on 2" quilted fiberglass/ 1 lb-psf reinforced loaded vinyl barrier
Flammability	Flame Spread: 23.0 Smoke density: 30.0
Nominal thickness	2.0 inches
Temperature range	-20° to +180° F
Standard Roll size	54" wide x 25' long
Weight	1.43 lb psf

Acoustical Performance:

Sound Transmission Loss

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

ASTM E-90 & E 413

Sound Absorption Data

Product	OCTAVE BAND FREQUENCIES (Hz)						NRC
	125	250	500	1000	2000	4000	
BBC-13-2"	.07	.27	.96	1.13	1.08	.99	.85

ASTM C 423