

PrivacyShield® ABBC-13 Barrier Backed Soundproofing Blanket



Description

The PrivacyShield® ABBC-13 Barrier Backed Soundproofing Blanket is used to block and absorb sound for interior applications. The blanket is a barrier backed composite (BBC), consisting of vinyl coated fiberglass facing quilted with fiberglass batting, with a reinforced mass loaded vinyl sound barrier bonded to one side.

These blankets are a combination sound blocking and sound absorbing material. These sound attenuation blankets are constructed with grommets across the top edge and mating Velcro® along the vertical edges of the blankets for easy installation and layering. Face the absorptive quilted fiberglass layer towards the sound you wish to absorb. Typical uses include curtain material in acoustical enclosures, room partitions, and wall cover where abuse resistance and excellent durability is required.

Technical Characteristics

Size:	54" x 96" Up to 54" x 25'
Thickness:	1" 2" (actual thickness may vary after quilting)
Construction:	UV resistant silicone-coated-fiberglass cloth faced quilted fiberglass with one pound per square foot reinforced loaded vinyl backer
Facing Color:	Grey Tan Black Off-White
Barrier Color:	Grey Tan
Weight:	1.25 lbs / ft ² (1") 1.50 lbs. / ft ² (2")
Temp Range:	-20° F to 180° F
Fire Rating:	Class 1 or A per ASTM E84 Flame Spread: 23.0 Smoke Density: 30.0



Revised: 2025-04-30

PrivacyShield® ABBC-13 Barrier Backed Soundproofing Blanket

Sound Absorbing Performance

Thickness	125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz	NRC
1"	0.12	0.47	0.85	0.84	0.64	0.62	0.70
2"	0.07	0.27	0.96	1.13	1.08	0.99	0.85

Per ASTM C423

Sound Transmission Loss

Thickness	125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz	STC
1"	11	16	24	30	35	35	27
2"	13	20	29	40	50	55	32

Per ASTM E90 & E413

Revised: 2025-04-30