

ABBC-13 AudioSeal[®] Combination Sound Blanket



TECHNICAL CHARACTERISTICS

SIZE: 54" x 96"
Up to 54" x 25'

THICKNESS: 1", 2", 4"

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 (P.S.F.): 1.2 (1"), 1.45 (2"), 2.9 (4")

TEMP RANGE: -20 deg. F to 180 deg. F

FIRE RATING: Class 1 or A per ASTM E84

DESCRIPTION

The ABBC-13 AudioSeal[®] Combination Sound Blanket is a barrier backed sound panel used to block and absorb sound for interior applications. The ABBC-13 AudioSeal[®] Combination 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.



SOUND ABSORPTION (ASTM C 423)							
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
4"	0.21	0.89	1.09	1.17	1.13	1.07	1.05
SOUND TRANSMISSION LOSS (ASTM E90 & E413)							
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
4"	16	21	30	41	52	56	34

