

AUDIOSEAL[®] ABBC-13EXT EXTERIOR SOUND BLANKET TECHNICAL DATA SHEET



DESCRIPTION

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

The blanket is an exterior grade barrier backed composite (BBC), consisting of UV and tear resistant vinyl coated polyester facing. The facing is quilted on environmentally sustainable 1-2 inch fiberglass batting with Gore[®] Tenara[®] thread. It also has a reinforced 1 lb./sq. ft. mass loaded vinyl barrier bonded to one side.

These blankets are a combination of sound blocking and sound absorbing material. The sound attenuation blankets are constructed with grommets across the top and Velcro[®] along the vertical edges of the blankets for easy installation and layering. The exterior grade ABBC-13EXT is great for use in outdoor environments where extended lifespan and durability is required.

TECHNICAL CHARACTERISTICS

- SIZE:** 54" x 96", Up to 54" x 20"
- THICKNESS:** 1", 2" (actual size may vary after quilt); 4" (special order)
- CONSTRUCTION:** UV resistant heavy-duty vinyl coated polyester faced quilted fiberglass backed with a one pound per square foot reinforced mass loaded vinyl sound barrier
- FACING COLOR:** Grey, Tan (standard)
Black, Off-White (special order)
- BARRIER COLOR:** Grey, Tan (standard)
- WEIGHT (P.S.F.):** 1.2 (1"), 1.45 (2"), 2.9 (4")
- TEMP RANGE:** -20 to 180 degrees F



SOUND ABSORPTION (ASTM C 423)							
Thickness	125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz	NRC
1"	0.18	0.68	0.74	0.72	0.42	0.29	0.65
2"	0.45	0.96	0.87	0.66	0.47	0.28	0.75
4"	0.67	1.05	0.97	0.84	0.86	0.52	0.95

SOUND TRANSMISSION LOSS (ASTM E90 & E413)							
Thickness	125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz	STC
1"	15	17	28	40	45	52	29
2"	14	20	32	41	42	41	33
4"	16	21	30	41	52	56	34

