

ALPHASORB[®] DUAL-SIDED OUTDOOR ABSORPTIVE SOUND BLANKET DATA SHEET



TECHNICAL CHARACTERISTICS

NOMINAL SIZE:	4' x 8', Up to 4' x 25'
CONFIGURATION:	Panel, Roll
THICKNESS:	2" (actual size may vary after quilt)
FINISH:	Vinyl Coated Fiberglass
PATTERN:	Diamond Stitching (default), Vertical Stitching (custom)
COLOR:	Grey (default), Black, Tan, Off-White
EDGES:	Panels- Bound Rolls- Bound or Unbound
MOUNTING:	Grommets, no grommets, or as specified
TEMP RANGE:	-40 to 180 degrees F
WEIGHT:	0.50 lb. / sq. ft.
NRC STC:	0.75 21

DESCRIPTION

The AlphaSorb[®] Dual-Sided Outdoor Absorptive Sound Blanket (formerly AQFA-10EXT) is used to add sound absorption to exterior applications to reduce reverberation and echo. The blankets are quilted fiberglass absorbers (QFA) that feature UV and tear resistant exterior grade vinyl coated polyester quilted to 2-inch thick fiberglass batting, sewn with a Gore[®] Tenara[®] thread.

The blanket can be installed on existing solid surface. The quilted fiberglass absorber blanket reduces the reflection of sound waves by adding soft, porous, open-celled materials to an otherwise less absorbent surface. These blankets are often used to reduce sound from outdoor HVAC equipment, dust collectors or other equipment and can be installed on wood fencing, or existing walls.



SOUND ABSORPTION (ASTM C 423)						
125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz	NRC
0.46	0.94	0.85	0.64	0.47	0.33	0.75

SOUND TRANSMISSION LOSS (ASTM E90 & E413)						
125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz	STC
9	14	19	21	27	34	21

