



SELECTSOUND® BLACK ACOUSTIC BLANKET

SelectSound® Black Acoustic Blanket is made of inorganic glass fibers with a thermosetting resin binder and formed into a flexible blanket that is dimensionally stable and will not shrink or warp.

SelectSound® Black Acoustic Blanket comes with a smooth, black veil surface over a deep, black blanket that provides low light reflectivity. The thicker, smoother veil additionally aids in resisting damage during installation and service. When necessary, the durable black veil facing may be cleaned by vacuuming.

Features

SelectSound® Black Acoustic Blanket provides excellent acoustical performance for multiplex theaters, sound studios, and performing arts centers.

Standards, Codes Compliance

- ASTM C553, Mineral Fiber Thermal Insulation: Types I and II
- UL 181 Air Erosion
- NFPA 90A and 90B Compliant
- ICC Compliant
- California Title 24

Physical Properties

PROPERTY	TEST METHOD	VALUE
Density	ASTM C303	1.5 pcf
Water Vapor Sorption	ASTM C1104	<5% by weight at 120°F (49°C), 95% R.H.
Fungi Resistance	C1338	Meets Requirements
Corrosion to Steel	ASTM C1617	Meets Requirements
Thermal Conductivity at 75°F mean	ASTM C518	0.24 Btu·in/hr·ft²·°F 0.035 W/m·°C
Air Erosion	UL 181	Rated at 3,000 fpm (5.1 m/sec)
Surface Burning Characteristics ¹	UL 723, ASTM E84, or CAN/ULC S102	
Flame Spread Index		25
Smoke Developed Index		50

¹ The surface burning characteristics of these products have been determined in accordance with UL 723, ASTM E84, or CAN/ULC-S102. Values are reported to the nearest 5 rating.

Acoustical Performance

ASTM C423; Mounting Type A — Material placed against solid backing.

THICKNESS		OCTAVE BAND CENTER FREQUENCIES, HZ						
IN.	MM	125	250	500	1000	2000	4000	NRC
1	25	0.12	0.35	0.76	0.97	1.00	1.00	0.75
2	50	0.11	0.64	1.12	1.14	1.06	1.08	1.00

Availability

SelectSound® Black Acoustic Blanket is available in:

- 1" x 72" x 70 ft.
- 2" x 72" x 50 ft.
- 2" x 48" x 50 ft.

Installation Instructions

Lightweight and resilient, SelectSound® Black Acoustic Blanket is easy to handle, fabricate, and install. Both stick pins and adhesives can be used to secure boards to drywall, concrete block, or precast concrete. See SelectSound Board and Blanket Recommended Installation Instructions; PUB No. 10024403.

Design Considerations

Acoustical performance of interior surfaces can generally be improved by increasing acoustical material thickness. SelectSound® Black Acoustic Blanket can be specified for use in conjunction with other Owens Corning acoustical materials to provide additional performance.

Owens Corning also manufactures SelectSound® Black Acoustic Board. This rigid rectangular product is ideal for use behind fabric on theater walls, in sound studios, and in performing arts centers.

Certifications and Sustainable Features

- Certified by SCS Global Services to contain an average 53% with minimum 22% post-consumer and balance 31% pre-consumer recycled glass content



Environmental and Sustainability

Owens Corning is a worldwide leader in building material systems, insulation, and composite solutions, delivering a broad range of high-quality products and services. Owens Corning is committed to driving sustainability by delivering solutions, transforming markets, and enhancing lives. More information can be found at www.owenscorning.com.

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For more information, visit www.SCSglobalservices.com.

Notes

For additional information, refer to the Safe Use Instruction Sheet (SUIS) found in the SDS Database via <http://sds.owenscorning.com>.

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