



SELECTSOUND® BLACK ACOUSTIC BOARD

SelectSound® Black Acoustic Boards are made of inorganic glass fibers with a thermosetting resin binder and formed into rigid rectangular boards that are dimensionally stable and will not shrink or warp.

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

Features

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

Standards, Codes Compliance

- ASTM C612, Mineral Fiber Block & Board Thermal Insulation, Types IA, IB
- UL 181 Air Erosion
- NFPA 90A and 90B Compliant
- ICC Compliant
- California Title 24
- Meets requirements of ASTM C 1338 (Mold Growth)

Physical Properties

PROPERTY	VALUE	TEST METHOD
Density	3.0 pcf	ASTM C303
Water Vapour Sorption	<5% by weight at 49°C (120°F), 95% R.H.	ASTM C1104
Compressive Strength (minimum)	at 10% deformation: 1197 Pa (25 lb/ft²) at 25% deformation: 4309 Pa (90 lb/ft²)	ASTM C165
Fungi Resistance	Meets requirements	C1338
Corrosion to Copper, and Aluminum	Pass - both metals	ASTM C665
Corrosion to Steel	Pass	ASTM C1617
Thermal Conductivity at 24°C (75°F) mean	0.033 W/m·°C (0.23 Btu·in/hr·ft²·°F)	ASTM C518
Air Erosion	Rated at 5.1 m/sec (3,000 fpm)	UL 181
Surface Burning Characteristics¹	Flame Spread Index 25, Smoke Developed Index 50	UL 723; ASTM E84; or CAN/ULC-S102

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						
MM	IN.	125	250	500	1000	2000	4000	NRC
25	1	0.04	0.26	0.63	0.91	0.99	0.99	0.70
51	2	0.11	0.64	1.12	1.14	1.06	1.08	1.00

Availability

SelectSound® Black Acoustic Board is available in 1219 mm x 2438 mm (48" x 96") size, in 25 mm (1") or 51 mm (2") thickness.

Installation Instructions

Lightweight and resilient, SelectSound® Black Acoustic Board 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 Boards can be specified for use in conjunction with other Owens Corning acoustical materials to provide additional performance.

Owens Corning also manufactures SelectSound® Black Acoustic Blanket. This roll product is ideal for use behind fabric on theater walls, in sound studios and 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.ca or www.owenscorninglibrary.ca.

Technical Services Available

For Canadian Technical inquiries, please contact our technical team at www.owenscorning.ca/contacttech.

Disclaimer of Liability

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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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