

SELECTSOUND® FF-BLACK ACOUSTIC BOARD NEXT GENERATION

SelectSound® FF-Black Acoustic Board Next Generation is made with inorganic glass fibers and a new formaldehyde-free binder that meets leading green building standards while maintaining trusted performance and aesthetics. Designed for demanding commercial interiors, it delivers strong acoustical control for theaters, studios, performance spaces, restaurants, and other high-design environments, supported by lab testing and real-world installations. The board features a smooth premium black veil over a gray/black fiberglass board for consistent color, refined appearance, and added durability. UL validated as formaldehyde-free[1] and GREENGUARD GOLD[1] certified, it supports LEED® requirements.[1] Its rigid, dimensionally stable construction enables easy installation in new or retrofit wall and ceiling assemblies, while contributing to more sustainable building design.

Features

- SelectSound® FF-Black Acoustic Board Next Generation provides excellent acoustical performance for multiplex theaters, sound studios, performing arts centers, restaurants, and bars.
- Our proprietary binder chemistry is designed to eliminate consumer concerns about emissions and to ensure compliance with safer levels of Volatile Organic Compounds.[1]
- This product does not contain any Proposition 65 chemicals and is GREENGUARD Gold certified.[1]
- The consistent and continuously black board goes unnoticed in ceiling applications while reducing noise and improving sound quality for the occupants.
- Due to its rigidity, installation over a multitude of wall and ceiling surface types can be accomplished easily.
- The Next Generation binder chemistry has been UL validated as formaldehyde-free, meeting stringent green building standards.
- Certified for low VOC emission[1], supporting LEED®[1] and WELL project compliance.[1]
- Improved acoustic performance validated through ASTM C423 testing and customer field installs.
- Meets Owens Corning internal quality control plan for critical product characteristics (CPCs).
- Enhanced durability and smooth black veil for consistent aesthetics in exposed applications.

Standards and Codes Compliance

- ASTM C612, Types IA & IB, Mineral Fiber Block & Board Thermal Insulation
- Meets UL 181 Air Erosion requirements
- NFPA 90A and 90B compliant
- International Code Council (ICC) compliant
- GREENGUARD GOLD certified[1]
- Validated to be formaldehyde-free[1]
- Meets California Title 24 requirements
- Does not contain polybrominated diphenyl ethers (PBDE)
- UL formaldehyde-free certified[1]

1 For more information, please visit the UL Spot https://spot.ul.com

Physical Properties

PROPERTY	TEST METHOD	VALUE
Density	ASTM C303	3.0 pcf
Water Vapor Sorption	ASTM C1104	<5% by weight at 120°F (49°C), 95% R.H.
Compressive Strength (minimum) at 10% deformation at 25% deformation	ASTM C165	 25 lb/ft² (1197 Pa) 90 lb/ft² (4309 Pa)
Fungi Resistance	C1338, G21	Meets Requirements
Corrosion to Steel	ASTM C1617	Meets Requirements
Thermal Conductivity at 75°F mean	ASTM C518	0.23 Btu•in/hr•ft²•°F 0.033 W/m•°C
Air Erosion	UL 181	Rated at 3,000 fpm (5.1 m/sec)
Surface Burning Characteristics[2] Flame Spread Index Smoke Developed Index	UL 723, ASTM E84, or CAN/ULC S102	 <25/<50 Actual is lower for both.

2 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	0.10	0.24	0.62	0.91	0.99	0.96	0.70
2	50	0.19	0.67	1.12	1.14	1.04	1.06	1.00

Storage

Proper storage and handling of the SelectSound® FF-Black Acoustic Board Next Generation are necessary to ensure continued thermal and acoustical performance. To prevent the deterioration of the insulation properties, Owens Corning recommends:

- Store the insulation in areas protected from the weather.
- Avoid storage directly on the ground; use a pallet to avoid damage by moisture.
- Maintain the product in the packaging supplied until ready to install.
- Avoid mechanical forces that could damage the packaging and/or insulation.

Availability

SelectSound® FF-Black Acoustic Board Next Generation is available in 48" x 96" size, in 1" or 2" thickness.

Installation Instructions

Designed for installation in new or retrofit applications, lightweight and resilient, SelectSound® FF-Black Acoustic Board Next Generation 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 Next Generation Recommended Installation Instructions; Pub. No. 10024403.

For specific application needs, please contact GETTECH@owenscorning.com for additional information.

Design Considerations

Acoustical performance of interior surfaces can generally be improved by increasing acoustical material thickness. SelectSound® FF-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® FF-Black Acoustic Blanket Next Generation. This roll product is ideal for use behind fabric on theater walls, in sound studios, and in performing arts centers.

Cleaning

For recommended cleaning options of SelectSound® FF-Black Acoustic Board Next Generation, see the publication titled SelectSound® FF-Black Acoustic Board Next Generation Recommended Cleaning Instructions: PUB No. 10027358.

Certifications and Sustainable Features



Environmental and Sustainability

Owens Corning is a worldwide leader in building material systems and insulation, 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.

Supports compliance with California Title 24 and other green building codes.

Disclaimer of Liability

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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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