

SELECTSOUND® FF-BLACK ACOUSTIC BLANKET NEXT GENERATION

SelectSound® FF-Black Acoustic Blanket Next Generation is made with inorganic glass fibers and a new formaldehyde-free binder that meets leading green building standards while maintaining trusted performance an aesthetics. Its smooth black veil surface over a deep black blanket provides low light reflectivity designed to resist damage during installation and service. The blanket allows for continuous coverage over curved surfaces. UL validated as formaldehyde-free[1] and GREENGUARD GOLD[1] certified, it supports LEED® requirements.[1]

1 For more information, please visit the UL Spot https://spot.ul.com/main-app/products/detail/68d2a802735e4acc2f2d4ae0?page_type=Products%20Catalog

Features

- SelectSound® FF-Black Acoustic Blanket Next Generation provides excellent acoustical performance for multiplex theaters, sound studios, performing arts centers, restaurants, bars, and mechanical rooms.
- Our proprietary binder chemistry is formulated to support low VOC emissions.[1]
- The consistent and continuously black blanket goes unnoticed in ceiling applications while reducing noise and improving sound quality for the occupants.
- Due to its flexibility, 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[1], meeting stringent green building standards.
- Certified for low VOC emissions[1], supporting LEED® and WELL project compliance.[1]
- Improves acoustic performance in space as validated through ASTM C423 testing and installations.
- Produced according to Owens Corning internal quality control plans for critical product characteristics (CPC).
- Enhanced durability and smooth black veil for consistent aesthetics in exposed applications.

Standards and Codes Compliance

- ASTM C553, Mineral Fiber Thermal Insulation: Types I and II
- Meets UL 181 Air Erosion requirements
- NFPA 90A and 90B compliant
- International Code Council (ICC) compliant
- Does not contain polybrominated diphenyl ethers (PBDE)
- Meets California Title 24 requirements
- UL validated to be formaldehyde-free[1]

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[2]	UL 723, ASTM E84, or CAN/ULC S102	
Flame Spread Index		25
Smoke Developed Index		50

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.

Availability

SelectSound® FF-Black Acoustic Blanket Next Generation is available in rolls as follows:

1" x 72" x 70' 2" x 72" x 50' 2" x 48" x 50'

Installation Instructions

Lightweight and resilient, SelectSound® FF-Black Acoustic Blanket 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.

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

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	0.11	0.35	0.63	0.82	0.91	0.92	0.70
2	50	0.23	0.67	1.00	1.08	1.01	1.08	0.95

Storage Recomendations

Proper storage and handling of the SelectSound® FF-Black Acoustic Blanket 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.

Design Considerations

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

Cleaning

For recommended cleaning options of the SelectSound® FF-Black Acoustic Blanket Next Generation, see the publication titled SelectSound® FF-Black Acoustic Board & Blanket 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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