

AcoustaBlanket™ Black

AcoustaBlanket Black is a black fiberglass blanket insulation with an abuse-resistant black surface used in commercial construction for acoustical control in theaters, studios and entertainment facilities. It has a black Class A surface for exposed applications.

Features & Benefits

AcoustaBlanket has a tough, durable, fire-resistant black nonwoven glass fabric top surface. This adds strength to the product during installation and use. The glass fibers resist bacteria and fungal growth, and will not rot or deteriorate.

Composition & Materials

Composed of glass fibers firmly bonded together with a thermoset resin and overlaid with an extremely tough and durable abuse-resistant black composite facing with no printing on the top surface. The insulation is packaged in plastic bags to deliver a high volume of insulation.

Application

Insulation should be kept dry at all times.

Package Labeling

Individual rolls are wrapped in plastic film and labeled with product code and product information.

Installation

AcoustaBlanket Black insulation is applied to spandrel, pre-cast concrete panels with approved adhesives or mechanical fasteners. These installation recommendations are general in nature. Other methods may be acceptable. Please consult your contractor for recommendations best suited to the application.

APPLICABLE STANDARDS, CODE COMPLIANCE

Model Building Codes:

- ICC

FIRE RESISTANCE

Fire Hazard Classification:

- UL 723, ASTM E84, CAN/ULC-S102
Max. Flame Spread Index: 25
Max. Smoke Developed Index: 50

Limited Combustible:

- NFPA 259
< 3,500 btu/lb

Fire Safety Standards:

- NFPA 90A, NFPA 90B

Acoustical Performance: See table on other side

Thermal Performance: See table on other side

PHYSICAL/CHEMICAL PROPERTIES

PROPERTY (UNIT)	TEST	VALUE
Operating Limits: Temperature Air Velocity	ASTM C411 ASTM C1071	250°F / 121°C 6,000 fpm (30.5 m/s)
Water Vapor Sorption:	ASTM C1104	≤ 3%
Odor Emission:	ASTM C1304	Pass
Corrosion Resistance:	ASTM C665	Pass
Fungi Resistance:	ASTM C1338 ASTM G21	No growth



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Available Sizes

Available standard sizes and Thermal Performance are listed in the table. Contact CertainTeed for availability and minimum order quantities.

TYPE	DENSITY	THICKNESS		WIDTH		LENGTH		R-VALUES	
		IN	MM	IN	MM	FT	M	R	RSI
150	1.5 pcf (24 kg/m ³)	1	25	48	1219	100	30.5	4.2	0.74
		1-1/2	38	48	1219	50	15.2	6.3	1.11
		2	51	48	1219	50	15.2	8.3	1.46

ACOUSTICAL PERFORMANCE									
PRODUCT			ABSORPTION COEFFICIENTS @ OCTAVE BAND CENTER FREQUENCIES (HZ)						NRC
TYPE	THICKNESS		125	250	500	1000	2000	4000	
	IN	MM							
150	1	25	0.07	0.25	0.63	0.90	0.97	1.00	0.70
	1-1/2	38	0.10	0.42	0.91	1.04	1.04	1.04	0.85
	2	51	0.17	0.63	1.10	1.05	1.04	1.06	0.95

Sound absorption tested in accordance with ASTM C423 using Type A mounting per ASTM E795.

TECHNICAL SERVICES

Technical assistance can be obtained either from your local CertainTeed sales representative, or by calling CertainTeed Sales Support Group at 800-233-8990.

MAINTENANCE

No maintenance required.

AVAILABILITY & COST

Sold throughout the United States, Canada, and Mexico. For availability and cost contact your local distributor or call CertainTeed Sales Support Group at 800-233-8990.

WARRANTY

Refer to CertainTeed's Limited Warranty. Full warranty information can be found at certainteed.com/warranty.