

AcoustaBoard™ Black

Basic Use: CertainTeed AcoustaBoard Black is used for sound control in theaters, studios and entertainment facilities. The rigid board has a Class A surface that can be used in exposed applications.

Features & Benefits

This product provides excellent sound absorption, which controls room reverberation and echoes plus reduce noise levels. The black surface absorbs light and is ideal for use when an interior needs to be dark.

Composition & Materials

Composed of glass fibers bonded together with a thermo set resin. A durable, black non-woven mat surface is adhered to a black dyed glass fiber base board.

Limitations

Insulation should be kept dry at all times.

Sizes

See table on back for available sizes. Contact CertainTeed for availability and minimum order quantities.

Installation

AcoustaBoard Black can be installed rapidly and is easily cut to fit around obstructions and structural members. The product is applied to spandrels, pre-cast concrete panels and gypsum board surfaces with adhesives or mechanical fasteners. Boards may also be installed using hat channels or Z studs. These installation recommendations are general in nature. Other methods are acceptable. Please consult your contractor for recommendations best suited to specific applications.

Substitution

AcoustaBoard Black is intended for architectural treatment and has black mat suitable for acoustic applications. Refer to product data sheet 30-34-010 (Rigid Liner Board) for suitability in HVAC applications.

Package Labeling

Product will be dual labeled RLB/ACB BLK or RLB/ACB YEL.

Availability and Cost

Manufactured and sold throughout the United States. 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 (30-32-113).

Maintenance

No maintenance required.

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.

APPLICABLE STANDARDS, CODE COMPLIANCE

Model Building Codes:

- ICC
- Meets UL Green Guard

FIRE RESISTANCE

Fire Hazard Classification:

- UL 723, ASTM E84, NFPA 255, 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

PHYSICAL/CHEMICAL PROPERTIES

Thermal Performance:

- See table on other side

Acoustical Performance:

- See table on other side

Operating Limits:

- Temperature: ASTM C411
Max. 250°F (121°C)
- Air Velocity: ASTM C1071: Type II,
UL 181 Max. 6,000 fpm (30.5 m/s)

Water Vapor Sorption:

- ASTM C1104
≤3% by weight

Corrosiveness:

- ASTM C665
Pass testing

Fungi Resistance:

- ASTM C1338, ASTM G21
No growth

Available Sizes

TYPE	THICKNESS		DIMENSIONS		DENSITIES		R-VALUES	
	IN	MM	IN	MM	LB/FT³	KG/M³	R	RSI
300	1	25	24 x 48 48 x 96 48 x 120	610 x 1219 1219 x 2438 1219 x 3048	3.0	48	4.3	0.76
	1-1/2	38			3.0	48	6.5	1.14
	2	51			3.0	48	8.7	1.53

Sizes: Available sizes as shown in table above. Contact CertainTeed for other sizes and minimum order quantities.

Acoustical Performance

PRODUCT			ABSORPTION COEFFICIENTS AT OCTAVE BAND FREQUENCIES (HZ)						NRC
TYPE	THICKNESS		125	250	500	1000	2000	4000	
	IN	MM							
300	1	25	0.05	0.26	0.69	0.89	0.92	0.96	0.70
	1-1/2	38	0.10	0.51	0.89	0.95	0.92	0.93	0.80
	2	51	0.17	0.76	1.05	1.02	0.95	0.96	1.00

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

