

AcoustaBoard™ Black with ToughGard® Facing

PRODUCT DESCRIPTION

Basic Use: CertainTeed AcoustaBoard™ Black with ToughGard® Facing 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.

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

Composition and Materials: Composed of glass fibers bonded together with a thermoset 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 with ToughGard Facing 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 with ToughGard Facing is intended for architectural treatment and has black mat suitable for acoustic applications. Refer to product data sheet 30-34-010 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

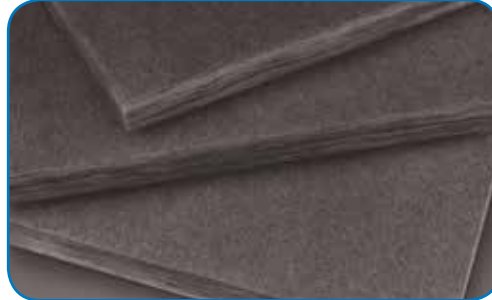
Refer to CertainTeed's Limited Warranty (30-32-113).

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.



Product Name	AcoustaBoard™ Black with ToughGard® Facing
Manufacturer	CertainTeed Corporation
Address	20 Moores Road Malvern, PA 19355
Phone	610-893-6000 • 800-233-8990
Website	www.certainteed.com/insulation

TECHNICAL DATA

Applicable Standards

- Model Building Codes:
 - ICC

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
- Water Repellent:
 - ≥ 4 (INDA IST 80.6-92)

AVAILABLE SIZES								
Type	Thickness		Dimensions		Densities		R-Values	
	in	mm	in	mm	lb/ft ³	kg/m ³	R	RSI
225	1	25	24 x 48 and 48 x 96	610 x 1219 and 1219 x 2438	2.25	36	4.3	0.76
	1½	38			2.25	36	6.5	1.14
	2	51			2.25	36	8.7	1.53
300	1	25			3.0	48	4.3	0.76
	1½	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							
225	1	25	0.06	0.30	0.58	0.85	0.91	0.94	0.65
	1½	38	0.12	0.48	0.83	0.90	0.90	0.89	0.80
	2	51	0.20	0.72	1.08	1.04	1.01	0.98	0.95
300	1	25	0.05	0.26	0.69	0.89	0.92	0.96	0.70
	1½	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	0.95

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



CertainTeed Corporation

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20 Moores Road Malvern, PA 19355 Professional: 800-233-8990 Consumer: 800-782-8777 certainteed.com