

CertaPro™ AcoustaBlanket™ Black



1. PRODUCT NAME

CertainTeed CertaPro™
AcoustaBlanket™ Black

2. MANUFACTURER

CertainTeed Corporation
P.O. Box 860
Valley Forge, PA 19482-0105
Phone: 610-341-7000
800-233-8990
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Website:
www.certainteed.com/insulation

3. PRODUCT DESCRIPTION

Basic Use: CertaPro AcoustaBlanket Black is a black fiber glass 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.

Benefits: CertaPro AcoustaBlanket has a tough, durable, fire-resistant black composite top surface. This adds strength to the product during installation and use. The product is lightweight and easy to fabricate on the job site. The glass fibers resist bacteria and fungal growth, and will not rot or deteriorate. The insulation is compression packaged in plastic bags to deliver a high volume of insulation.

Composition and 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. Product contains over 60% recycled content as per LEED definition.

Limitations: Insulation should be kept clean and dry at all times.

Sizes: See the table at right for available sizes. Contact CertainTeed for other sizes and minimum order quantities.

4. TECHNICAL DATA

Applicable Standards:

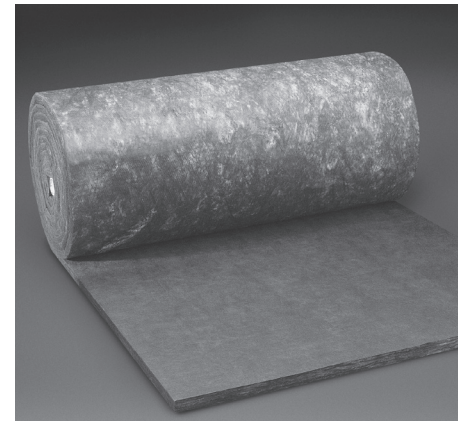
- Model Building Codes
 - ICC
- Material Standards
 - ASTM C553, Type I & II
 - California Quality Standards Reg. No. CA-T024 (PA)
 - City of Los Angeles, RR 8148

Fire Resistance:

- Fire Hazard Classification:
 - ASTM E84, UL 723, NFPA 255
 - Max. Flame Spread Index: 25
 - Max Smoke Developed Index: 50
- Limited Combustible:
 - NFPA 259
 - < 3,500 Btu/lb

Physical/Chemical Properties:

- Acoustical Performance:
 - ASTM C423
 - See table on other side
- Thermal Performance:
 - ASTM C177 or ASTM C518
 - See table below
- Maximum Use Temperature:
 - ASTM C411
 - Max. 250°F (121°C)
- Water Vapor Sorption:
 - ASTM C1104
 - < 3% by weight
- Corrosiveness:
 - ASTM C665; Pass
- Fungi Resistance:
 - ASTM C1338; Pass
- Odor Emission:
 - ASTM C1304; Pass



Quality Assurance: CertainTeed's commitment to quality and environmental management has ensured the registration of the Athens, Chowchilla and Kansas City plants to ISO 9001:2000 and ISO 14001:2004 standards.

5. INSTALLATION

CertaPro 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.

AVAILABLE SIZES									
Product 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
		1½	38	48	1219	50	15.2	6.3	1.11
		2	51	48	1219	50	15.2	8.3	1.46
200	2.0 pcf (32 kg/m ³)	½	13	48	1219	100	30.5	2.1	0.37

6. AVAILABILITY AND COST

Distributed and sold throughout the United States. For availability and cost contact your local contractor or distributor, or call CertainTeed Sales Support Group in Valley Forge, PA at 800-233-8990.

7. WARRANTY

Refer to CertainTeed's Limited Warranty for Commercial Insulation on manufacturing defects (30-25-034). Inasmuch as CertainTeed has no control over the installation design, installation workmanship, accessory materials or conditions of application, CertainTeed does not warrant the performance or results of any installation containing its products.

8. MAINTENANCE

No maintenance required.

9. TECHNICAL SERVICES

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

10. FILING SYSTEMS

- Sweet's Catalog File 07210/ CET
- CertainTeed Pub. No. 30-25-031
- Additional product information is available upon request.

ACOUSTICAL PERFORMANCE									
PRODUCT			ABSORPTION COEFFICIENTS @ OCTAVE BAND CENTER FREQUENCIES (HZ)						NRC
Type	Thickness		125	250	500	1000	2000	4000	
	in.	mm							
150	1	25	0.10	0.32	0.66	0.84	0.91	0.91	0.70
	1½	38	0.11	0.52	0.95	0.96	0.99	0.96	0.90
	2	51	0.24	0.79	1.09	1.05	1.02	1.01	1.00
200	½	13	0.03	0.12	0.35	0.61	0.75	0.84	0.45

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



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