

Commercial Blanket Insulation

1. PRODUCT NAME

CertainTeed Commercial Blanket Insulation (CBI)

2. MANUFACTURER

CertainTeed Corporation
P.O. Box 860
Valley Forge, PA 19482-0105
Phone: 610-341-7000
800-233-8990
Fax: 610-341-7571
Website: www.certainteed.com/insulation

3. PRODUCT DESCRIPTION

Basic Use: This product is used as a thermal or acoustical insulation in commercial buildings where wide rolls of unfaced insulation are required, such as retrofitting a warehouse. It is also used in post frame construction. In roofs and sidewalls this product can be used as a sound layer over the unfaced side of Metal Building Insulation 202-96. Additionally, it may be installed over old roof decks (BUR and metal) prior to application of a new standing seam roof.

Benefits: CBI offers increased comfort, lower energy use and noise control. It also meets energy code requirements.

Composition and Materials: CBI is made from inorganic glass fibers bonded with a thermoset resin to form a uniformly textured, pale yellow blanket insulation.

Limitations: This product is not intended to be laminated with vapor retarder facing and does not meet the requirements of NAIMA 202-96. It should be used on a first-in, first-out basis and should be kept dry at all times.

Sizes: Standard sizes as noted in the table at right. Contact CertainTeed for non-standard sizes.



4. TECHNICAL DATA

Applicable Standards:

- Model Building Codes:
 - (ICC)
 - New York City MEA 18-80-M
 - California Quality Standard Reg. No. CA-T024 [PA]
- Material Standards:
 - (ASTM C665), Type I
 - (ASTM C991), Type I
- Fire Resistance:**
 - Fire Hazard Classification:
 - (UL 723, ASTM E84, NFPA 255)
Max. Flame Spread Index: 25
Max. Smoke Developed Index: 50
 - Noncombustibility:
 - (ASTM E136)
Meets requirements

Physical/Chemical Properties:

- Thermal Performance:
 - (ASTM C518, ASTM C177)
 - See table below
- Moisture Absorption:
 - (ASTM C665)
Not greater than 0.2% by volume or by weight.

- Corrosiveness:
 - (ASTM C665)
Meets requirements
- Fungi Resistance:
 - (ASTM C1338)
Meets requirements
- Odor Emission:
 - (ASTM C1304)
Meets requirements

Quality Assurance: Many of CertainTeed's insulation manufacturing plants are registered to ISO 9001-2000 standards.

5. INSTALLATION

Product is normally applied over or between the structural members of the building and held in place by the covering sheets or insulation support system. When using high R-Value systems, it is recommended that the cavity between the exterior metal sheet and the faced fiber glass insulation should be completely filled with CBI insulation.

AVAILABLE SIZES							
Thickness		Width		Length		R-Value	
in.	mm	in.	mm	ft.	m	R	RSI
3 1/2	89	48, 60, 72	1219, 1524, 1829	100	30.5	11	1.9
6 1/4	159	48, 60, 72	1219, 1524, 1829	50	15.2	19	3.3
6 1/2	165	48, 60, 72	1219, 1524, 1829	45	13.7	21	3.6
8	203	48, 60, 72	1219, 1524, 1829	40	12.2	25	4.4
10	254	48, 60, 72	1219, 1524, 1829	25	7.6	30	5.3

6. AVAILABILITY AND COST

Manufactured and sold throughout the United States. For availability and cost contact your local distributor, or call CertainTeed in Valley Forge, PA at (800) 233-8990.

7. WARRANTY

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 in Valley Forge, PA at (800) 233-8990.

10. FILING SYSTEMS

- CertainTeed Pub. No. 30-25-008.
- Additional product information available upon request.



ASK ABOUT OUR OTHER CERTAINTEED PRODUCTS AND SYSTEMS:

EXTERIOR: ROOFING • SIDING • WINDOWS • FENCE • RAILING • TRIM • DECKING • FOUNDATIONS • PIPE
INTERIOR: INSULATION • GYPSUM • CEILINGS

CertainTeed Corporation
P.O. Box 860
Valley Forge, PA 19482

Professional: 800-233-8990
Consumer: 800-782-8777
www.certainteed.com/insulation

CertainTeed