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
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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 | |
| 3½ | 89 | 48, 60, 72 | 1219, 1524, 1829 | 100 | 30.5 | 11 | 1.9 |
| 6¼ | 159 | 48, 60, 72 | 1219, 1524, 1829 | 50 | 15.2 | 19 | 3.3 |
| 6½ | 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.