

## EasyTouch™ Encapsulated Insulation

### 1. PRODUCT NAME

CertainTeed EasyTouch™  
Encapsulated Fiber Glass Insulation

### 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:** Intended for use in either residential or commercial construction as thermal and acoustical insulation in attics, ceilings, walls and floors.

The product is encapsulated in a vapor-permeable poly sheeting and available with or without an attached kraft vapor barrier. It is designed for use in standard wood stud assemblies.

**Benefits:** Installing EasyTouch fiber glass insulation is an easy, cost-effective method to help conserve energy in the residential and commercial new construction, remodeling and re-insulation markets. In addition to its thermal properties, EasyTouch provides excellent acoustical performance. It is compression packaged and encapsulated for ease of handling, and its range of R-Values and sizes ensures the right product for the job.

**Composition and Materials:** The product is composed of yellow, uniformly textured, inorganic fibrous glass. The fiber glass blanket is then encapsulated in a thin, vapor-permeable poly sheeting.

**Sizes:** Available standard sizes are listed in table on the other side. Contact CertainTeed for non-standard sizes.

**Limitations:** The National Electrical Code prohibits installation of any insulation over or within 3" (76 mm) of recessed light fixtures, unless approved insulated ceiling (IC) light fixtures are used.



Standard kraft facing is flammable and should not be left exposed. Kraft faced insulation must be installed behind and in substantial contact with the unexposed surface of the ceiling, floor or wall finish. Special care should be taken when working with an open flame. Where a flame spread rating of 25 is required, insulation must be unfaced or have an approved flame resistant facing.

Because of potential skin irritation, unfaced building insulation should not be installed in an exposed area where it will be subject to human contact.

All building insulation should be kept dry. Wet fiber glass insulation will lose its effectiveness until it dries. Fiber glass will often dry naturally and regain its original R-Value. However, under conditions where the insulation will not dry thoroughly it should be removed and allowed to dry or be replaced. The encapsulated sheeting is not a vapor retarder. A separate vapor retarder like MemBrain™ or EasyTouch with attached kraft facing may need to be installed. Always check local code.

### 4. TECHNICAL DATA

#### Applicable Standards:

- Model Building Codes:
  - ICC
  - New York City - MEA 18-80-M, unfaced
  - New York - NYS UFPBC Article 15
  - California and Minnesota Quality Standards
- Material Standards:
  - ASTM C665: Type II, Class A, Category 2, encapsulated batts and rolls
  - ASTM C665: Type II, Class C, Category 1, kraft faced

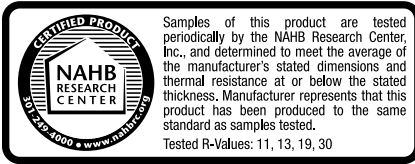
#### Fire Resistance:

- Fire Hazard Classification:
  - ASTM E84
  - Fully Encapsulated Insulation:
    - Max. Flame Spread Index: 25
    - Max. Smoke Developed Index: 50
  - Kraft faced insulation: Not rated

#### Physical/Chemical Properties:

- Thermal Performance:
  - ASTM C518
  - R-Values for insulation only, as stated in table on other side.
- Water Vapor Sorption:
  - ASTM C1104
  - ≤ 5%
- Water Vapor Permeance:
  - Permeance of Facing
  - ASTM E96, Desiccant Method
  - Unperforated facing:
    - ≤ 1.0 perm (57 ng/Pa•s•m<sup>2</sup>)

**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.



**Installation in wood framing:**  
**Studs–Faced** insulation fits between wood studs with flanges stapled either to the faces or sides of the studs. Pull flanges taut while stapling every 8"–12" (203–305 mm) to prevent gaps.

**Attics/Ceiling Joists–Faced** insulation is placed between joists with vapor retarder facing down. Flanges or separate vapor retarder can be stapled to bottom faces or sides of joists if insulation is installed before ceiling finish. If no insulation is present, place the insulation between the attic joists. When insulation must be cut to fit, use a sharp knife or shears. If the attic already has some insulation, first fill to the top of the joist with insulation, then lay additional insulation across the joists. Do not cover vents or exhaust fan motors which protrude into the attic; cut the insulation to fit around them. Only unfaced EasyTouch insulation is installed over existing insulation.

**Floor Joists–Faced** insulation is installed with the vapor retarder facing up and in contact with the floor. All insulation must be supported between joists on an approved support such as wire.

**Cathedral Ceilings–Faced** insulation with vapor retarder facing down is stapled between the rafters. A 1" air space is recommended between insulation and roof sheathing. If unfaced insulation is used, a separate vapor retarder should be installed where required.

**5. INSTALLATION**

For most areas, vapor retarders should be installed on the warm-in-winter side of the insulation (toward the interior). Check with local practice and building codes. CertainTeed insulation is not intended to be installed with the facing placed toward the exterior of the building.

**6. AVAILABILITY AND COST**

Manufactured and sold in North America. For availability and cost, contact your local contractor, retailer or distributor, or call CertainTeed Sales Support Group at 800-233-8990.

**7. WARRANTY**

Refer to CertainTeed's Lifetime Limited Warranty for Fiber Glass Building Insulation (30-21-1321).

**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 at 800-233-8990.

AVAILABLE SIZES					
R-Value		Thickness		Width	
R	RSI	in.	mm	in.	mm
13	2.3	3½	89	15	381
19	3.3	6¼	159	15	381
25	4.4	8	203	15 & 23	381 & 584
30	5.3	9½	241	15	381

Lengths vary. Contact CertainTeed for other sizes and minimum order quantities.



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