

# EZR™

## Fiber Glass Building Insulation

### 1. PRODUCT NAME

CertainTeed EZR™ Fiber Glass Building Insulation

### 2. MANUFACTURER

CertainTeed Corporation  
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### 3. PRODUCT DESCRIPTION

**Basic Use:** This product is intended for use in either residential or commercial construction as thermal and acoustical insulation in walls. These perforated mini-rolls are designed for use in standard width wood framed construction where a vapor retarder is needed. The rolls have kraft-paper facing without flanges and can be friction-fit between wall studs for non-exposed applications.

**Benefits:** Installing EZR 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, this product also provides excellent acoustical perfor-

mance. Installing this product will save time and improve productivity by reducing field labor as stapling is not required because the fiber glass fills the entire cavity. A non-woven fiber glass tissue adhered to the fiber glass surface improves cutting, reduces itch and dust, and provides rigidity. Perforations at 93" increments along the length of the roll eliminate the cutting process for standard length wall cavity applications. EZR insulation will not settle or sag.

**Composition and Materials:** The product is composed of yellow, uniformly textured, inorganic glass fiber and a non-woven fiber glass tissue facing on the non-kraft side of the fiber glass.

**Sizes:** Available standard sizes are listed in the table below.

**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) lighting 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 a FSK (flame-resistant foil) facing.

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 replaced.

### 4. TECHNICAL DATA

#### Applicable Standards:

- Model Building Codes:
  - (BOCA, ICBO, SBCCI, CABO and ICC)
  - New York – NYS UFPBC Article 15
  - California and Minnesota Quality Standards.
- Material Standards:
  - (ASTM C 665), Type II, Class C, Category 1, Kraft-faced

#### Fire Resistance:

- Fire Hazard Classification:
  - (ASTM E 84)
  - Kraft-faced insulation: Not rated for flame spread/ smoke developed.

#### Physical/Chemical Properties:

- Thermal Performance:
  - (ASTM C 518)
  - R-values for insulation only, as stated in the table at left.

AVAILABLE SIZES (KRAFT FACED)				
R-Value		Thickness		Width
R	RSI	in.	mm	in.
13	2.3	3½	89	15¼ x 31' 4" roll

- Water Vapor Sorption:
  - (ASTM C 1104)
    - ≤ 5%
- Water Vapor Permeance:
  - Permeance of Facing (ASTM E 96, Desiccant Method) Unperforated facing:
    - ≤ 1.0 perm (57 ng/Pa•s• m<sup>2</sup>)

**Quality Assurance:** CertainTeed was the first fiber glass insulation manufacturer to have its manufacturing plants, R&D center and corporate headquarters registered to ISO 9001-2000 standards. The GREENGUARD Environmental Institute has certified this product for low emissions of formaldehyde and other Volatile Organic Compounds (VOCs).

## 5. INSTALLATION

For most areas, vapor retarders should be installed on the warm-in-winter side of the insulation (toward the interior). For some warm and humid areas, the vapor retarder should be installed facing the exterior. Check local practice and/or building codes.

EZR insulation friction-fits between wood studs and does not require stapling.

## 6. AVAILABILITY AND COST

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

## 7. MAINTENANCE

No maintenance required.

## 8. 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.

## 9. FILING SYSTEMS

Additional product information is available upon request.

