

CertaPro™ Thermal Foil Faced Batts

1. PRODUCT NAME

CertainTeed CertaPro™ Thermal Foil Faced Batts

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.certainteeted.com/insulation

3. PRODUCT DESCRIPTION

Basic Use: These light density batts enhance thermal performance in exterior and interior walls and floor/ceiling assemblies where a vapor retarder is needed. Foil faced batts are for non-exposed applications.

Benefits: Installing CertaPro Thermal Foil Faced Batts will conserve energy and control building operating costs. The product also enhances acoustical performance by contributing to a quieter interior environment. The product resists mold and mildew and will not rot or deteriorate. CertaPro Thermal Foil Faced Batts are lightweight and will not settle or sag.

Composition and Materials: This product is made from inorganic glass fibers bonded with a thermoset resin to form a uniformly textured yellow blanket insulation. A foil facing is adhered to the fiber glass.

Limitations: The National Electrical Code prohibits installation of insulation over or within 3" (76 mm) of recessed light fixtures, unless approved insulated ceiling (IC) light fixtures are used. Insulation should be kept clean and dry at all times.

Sizes: See table on other side. Contact CertainTeed for other sizes and minimum order quantities.

4. TECHNICAL DATA

Applicable Standards:

- Model Building Codes:
 - ICC
 - California and Minnesota Quality Standards.
- Material Standards:
 - ASTM C665, Type III, Class B, Category 1

Fire Resistance:

- Surface Burning Characteristics:
 - ASTM E84
 - Max. Flame Spread Index: 75
 - Max. Smoked Dev. Index: 150

Physical/Chemical Properties:

- Thermal Performance:
 - ASTM C177 or ASTM C518
 - See table on other side.
- Maximum Use Temperature:
 - Temperature: ASTM C411
 - 200°F (93°C)
- Water Vapor Sorption:
 - ASTM C1104
 - ≤ 3% by weight
- Water Vapor Permeance:
 - Permeance of Facing: ASTM E96
 - ≤ 0.05 perms (2.8 ng/Pa•s•m²)
- 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

For most areas, vapor retarders should be installed on the warm-in-winter side of 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. In steel stud construction, insulation is friction fitted into stud cavities prior to applying the interior finish. Foil faced products used in wood stud construction should be stapled approximately every 8" (200 mm) with the vapor retarder facing the conditioned space. Foil facings are combustible; do not use in exposed applications. Check local code requirements as these installation recommendations are general in nature. Other installation methods may be acceptable. Please consult your contractor for recommendations best suited to a specific application.

6. AVAILABILITY AND COST

Manufactured 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 your local CertainTeed sales representative, or by calling CertainTeed Sales Support Group in Valley Forge, PA at 800-233-8990.

AVAILABLE SIZES FOR STEEL STUDS							
R-Value		Thickness		Width		Length	
R	RSI	in.	mm	in.	mm	in.	mm
11	1.94	3½	89	16 & 24	406 & 610	96	2438
11	1.94	3½	89	24	610	48	1219
13	2.29	3½	89	16	406	96	2438
13	2.29	3½	89	24	610	48	1219
19	3.35	6¼	159	16 & 24	406 & 610	96	2438
19	3.35	6¼	159	24	610	48	1219
30	5.28	10	254	16 & 24	406 & 610	48	1219
38	6.69	12	305	24	610	48	1219

AVAILABLE SIZES FOR WOOD STUDS							
R-Value		Thickness		Width		Length	
R	RSI	in.	mm	in.	mm	in.	mm
11	1.94	3½	89	15 & 23	389 & 584	93	2362
19	3.35	6¼	159	15 & 23	389 & 584	48	1219
19	3.35	6¼	159	15 & 23	389 & 584	93	2362



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