

CertainTeed

Specification Sheet

CERTA^{PRO}™ Thermal FSK-25 Faced Batts

1. PRODUCT NAME

CertainTeed CERTA^{PRO}™ Thermal FSK-25 Faced Batts

2. MANUFACTURER

CertainTeed Corporation
P.O. Box 860
Valley Forge, PA 19482-0105
Phone: 610-341-7000
800-233-8990
Fax: 610-341-7571
Fax-On-Demand: 800-947-0057
Website: www.certainteed.com

3. PRODUCT DESCRIPTION

Basic Use: These light density batts enhance thermal performance in exterior and interior walls and floor/ceiling assemblies. FSK-25 faced batts are UL listed for Fire Hazard Classification (FHC) 25/50, and are intended for exposed applications in commercial construction where a vapor retarder is needed.

Benefits: Installing CertaPro Thermal FSK-25 faced Batts can save energy and help control building operating costs. The product also provides enhanced acoustical performance, contributing to a quieter interior environment. The product resists bacteria and fungal growth and will not rot or deteriorate. CertaPro Thermal FSK-25 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 flame-resistant foil-scrim-kraft (FSK) 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) lighting fixtures are used. Insulation should be kept clean and dry at all times.

Sizes: Available as shown in the table below. Contact CertainTeed for other sizes and minimum order quantities.

4. TECHNICAL DATA

Applicable Standards:

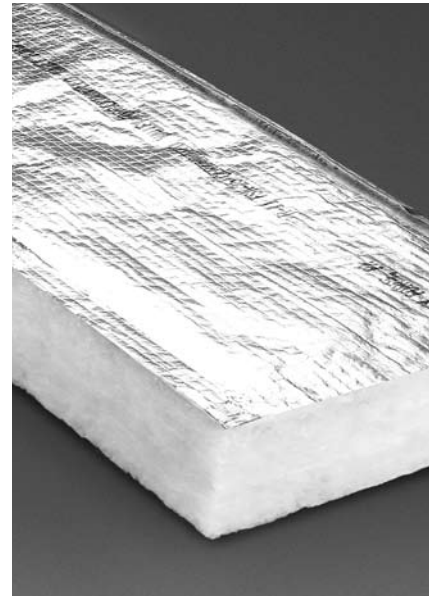
- Model Building Codes:
 - New York City – MEA 19-80-M
 - California Quality Standards. Reg. No. CA-T024 (PA)
 - City of Los Angeles, RR 8148
- Material Standards:
 - (ASTM C 553) Type I
 - (ASTM C 665) Type III, Class A, Category 1
- GREENGUARD Certification Standards:
 - Low Emitting Products for the Indoor Environment
 - Product Emission Standard for Children and Schools

Fire Resistance:

- Surface Burning Characteristics:
 - (ASTM E 84, UL 723, NFPA 255)
Max. Flame Spread Index; 25
Max. Smoke Dev. Index; 50
- Noncombustibility:
 - (ASTM E 136) Pass

Physical/Chemical Properties:

- Thermal Performance:
 - (ASTM C 177 or ASTM C 518)
See the table below.
- Maximum Use Temperature:
 - Temperature: (ASTM C 411)
250°F (121°C)
- Water Vapor Sorption:
 - (ASTM C 1104)
≤ 3% by weight
- Water Vapor Permeance:



- Permeance of Facing: (ASTM E 96)
≤ 0.02 perms (1.1 ng/Pa•s•m²)
 - Corrosiveness:
 - (ASTM C 665) Pass
 - Fungi Resistance:
 - (ASTM C 1338) Pass
 - Odor Emission:
 - (ASTM C 1304) Pass
- 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.

5. INSTALLATION

On exterior walls the faced side of the insulation should be installed toward the interior side of the structure, except in hot, humid areas where local code regulations may require a vapor retarder to face toward the exterior. In steel stud construction, insulation is friction fitted into stud cavities prior to applying the interior finish. FSK-25 faced batts can also be applied to masonry walls and under roof decks with pins and washers. FSK-25 faced products in wood stud construction should be sta-

pled approximately every 8" (200mm). Follow the pin manufacturer's recommendations for pin terminations and safety considerations. These installation recommendations are general in nature. Other methods are acceptable. Please consult your contractor for recommendations best suited to specific applications.

6. AVAILABILITY AND COST

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

10. FILING SYSTEMS

- Sweet's Catalog File 07210/CET
- CertainTeed Pub. No. 30-25-031
- Additional product information is available upon request.

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	48	1219
11	1.94	3½	89	16 & 24	406 & 610	96	2438
13	2.29	3½	89	16	406	96	2438
19	3.35	6¼	159	16 & 24	406 & 610	48	1219
19	3.35	6¼	159	16 & 24	406 & 610	96	2438
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	389	48	1219
11	1.94	3½	89	15 & 23	389 & 584	96	2438
19	3.35	6¼	159	15 & 23	389 & 584	48	1219



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