

CertainTeed

Specification Sheet

Sound Attenuation Batts Acoustical Ceiling Batts NoiseReducer™ Batts

1. PRODUCT NAME

CertaSound™ Sound Attenuation Batts,
Acoustical Ceiling Batts and
NoiseReducer™ Batts

2. MANUFACTURER

CertainTeed Corporation
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Valley Forge, PA 19482-0105
Phone: (610) 341-7000
(800) 233-8990
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Website: www.certainteed.com

3. PRODUCT DESCRIPTION

Basic Use: These products are designed for use in commercial and residential wall and ceiling assemblies to effectively reduce transmission of airborne sound and provide thermal insulation.

Benefits: They provide excellent acoustical performance to help reduce sound transmission between adjoining rooms. These lightweight, flexible products are easy to handle and fabricate on the job site and conform to irregular surfaces. The permanent, inorganic glass fibers will not rot or deteriorate.

Composition and Materials: Composed of yellow, uniformly textured, inorganic glass fiber insulation. CertaSound Sound Attenuation Batts are available unfaced for friction fit installation between steel studs. Acoustical Ceiling Batts are available unfaced and kraft-faced (without stapling tabs) for installation on suspended ceilings. NoiseReducer batts are available kraft-faced for easy positive attachment to interior wood stud framing.

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 flame-resistant foil facing (FSK-25).

Because of potential skin irritation, unfaced building insulation should not be installed in an exposed installation 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 replaced.

Sizes: Available standard sizes are listed in the table below. Contact CertainTeed for non-standard sizes.

AVAILABLE SIZES—SOUND BATTS						
R-Value		Thickness		Width		Facing
R	RSI	inches	mm	inches	mm	
8	1.4	2½	64	16	406	Unfaced
8	1.4	2½	64	24	610	Unfaced
11	1.9	3½	89	16	406	Unfaced
11	1.9	3½	89	24	610	Unfaced
11	1.9	3½	89	15	381	White*
11	1.9	3½	89	23	584	White*

* NoiseReducer

AVAILABLE SIZES—ACOUSTICAL CEILING BATTS						
R-Value		Thickness		Width		Facing
R	RSI	in.	mm	in.	mm	
11	1.9	3½	89	24	610	Unfaced
11	1.9	3½	89	24	610	Kraft (no tabs)
19	3.3	6¼	159	24	610	Unfaced
19	3.3	6¼	159	24	610	Kraft (no tabs)

4. TECHNICAL DATA

Applicable Standards:

- Model Building Codes:
 - (BOCA, ICBO, SBCCI and ICC)
 - New York City – MEA 18-80-M, unfaced
 - New York – NYS UFPBC Article 15
 - California and Minnesota Quality Standards Registry number CA-T024 (PA)
- Material Standards:
 - (ASTM C 553), Type I, II and III
 - (ASTM C 665), Type I, unfaced
 - (ASTM C 665), Type II, Class C, Category 1, kraft-faced

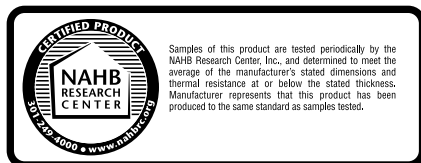
Fire Resistance:

- Fire Hazard Classification: (ASTM E 84)
 - Unfaced insulation:
 - Max. Flame Spread Index; 25
 - Max Smoke Developed Index; 50
 - Kraft-faced insulation: Not rated for flame spread/smoke developed.
- Noncombustibility: (ASTM E 136)
 - Unfaced insulation: Passes

Physical/Chemical Properties:

- Thermal Performance:
 - (ASTM C 518)
 - R-values for insulation only, as stated in the table on the front page.
- Water Vapor Sorption:
 - (ASTM C 1104)
 - ≤ 5%
- Water Vapor Permeance:
 - Permeance of Facing (ASTM E 96, Desiccant method)
 - ≤ 1.0 perm (57 ng/Pa•s•m²)

Quality Assurance: CertainTeed participates in the NAHB Research Center Certification and Labeling Program. 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

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

Requirements for installation:

- CertaSound Sound Attenuation Batts–Friction fit between steel studs. (Supplementary support may be required for floor/ceiling installations.)
- Acoustical Ceiling Batts–Lay faced or unfaced batts directly on suspended ceilings. (Check with ceiling panel manufacturer for weight limitations.)
- NoiseReducer Batts–Staple flanges to either the faces or sides of studs or joists using enough staples to prevent fishmouths. Do not leave the facing exposed; see limitations on the front page.

6. AVAILABILITY AND COST

Manufactured and sold throughout the United States. For availability and cost, contact CertainTeed in Valley Forge, PA at (800) 233-8990.

7. WARRANTY

Refer to CertainTeed's Lifetime Limited Insulation 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 in Valley Forge, PA, (800) 233-8990.

10. FILING SYSTEMS

- Sweet's Catalog File 07210/ CER
- CertainTeed Pub. No. 30-29-013
- Additional product information is available upon request.

Visit us on our website at www.certainteed.com for the most up-to-date product information.

