

NoiseReducer™ Sound Attenuation Batts

1. PRODUCT NAME

NoiseReducer™ Sound Attenuation Batts (including products formerly known as CertaPro™ CertaSound™ Sound Attenuation Batts and Acoustical Ceiling Batts)

2. MANUFACTURER

CertainTeed Corporation
 P.O. Box 860
 Valley Forge, PA 19482-0105
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 (800) 233-8990
 Fax: (610) 341-7571
 Website:
www.certainteed.com/insulation



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. Sound Attenuation Batts are available unfaced for friction fit installation between studs or kraft-faced for easy positive attachment to interior wood stud framing. Acoustical Ceiling Batts are available unfaced and kraft-faced (without stapling tabs) for installation on suspended ceilings.

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 unex-

posed 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.

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 C 553), Type I, II and III
 - (ASTM C 665), Type I, unfaced
 - (ASTM C 665), Type II, Class C, Category 1, kraft-faced

AVAILABLE SIZES—SOUND ATTENUATION 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	24	610	Kraft (no tabs)
11	1.9	3½	89	15	381	Kraft
11	1.9	3½	89	23	584	Kraft
11	1.9	3½	89	24	610	Unfaced
19	3.3	6¼	159	24	610	Unfaced
19	3.3	6¼	159	24	610	Kraft (no tabs)

Fire Resistance:

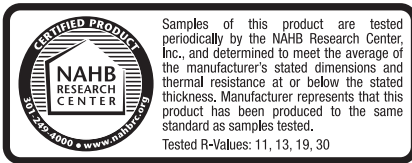
- Fire Hazard Classification: (ASTM E 84)
Unfaced insulation:
 - Max. Flame Spread Index; 25
 - Max Smoke Developed Index; 50Kraft-faced insulation: Not rated for flame spread/smoke developed.

- 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'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 the insulation (toward the interior). Check local practice and/or building codes. CertainTeed Insulation is not intended to be installed with the facing placed toward the exterior of the building.

Requirements for installation:

- Unfaced 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.)
- Interior wall (white) kraft faced Batts–Staple flanges to either the faces or sides of studs or joists using enough staples to prevent gaps. 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.

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



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