

NoiseReducer™ Sound Attenuation Batts

1. PRODUCT NAME

NoiseReducer™ Sound Attenuation Batts

2. MANUFACTURER

CertainTeed Insulation Canada, Inc.
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 Valley Forge, PA 19482-0105
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 (800) 233-8990
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 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 fibres will not rot or deteriorate.

Composition and Materials: Composed of yellow, uniformly textured, inorganic glass fibre insulation. NoiseReducer Sound Attenuation Batts are available unfaced for friction fit installation between steel studs or installation on suspended ceilings.

Limitations: Maintain building, electrical, gas and oil safety code required clearances between the insulation and heat-emitting devices, such as fuel-burning appliances, chimneys, pipes, ducts



and vents to these appliances (at least 50 mm), and between the insulation and recessed light fixtures (at least 75 mm) unless approved insulated ceiling (IC) lighting fixtures are used. Because of potential skin irritation, unfaced building insulation should not be installed in an exposed area where it will be subject to human contact.

All building insulation should be kept dry. Wet fibre glass insulation will lose its effectiveness until it dries. Fibre 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 special orders and non-standard sizes.

4. TECHNICAL DATA

Applicable Standards:

- National Building Code 2005
 - CAN/ULC-S702, Type 1
 - CCMC 09521-L
 - CSA A101M
 - CAN/CGSB 51.11-92
 - GREENGUARD® Children & Schools Certified
- Material Standards:
 - ASTM C177
 - ASTM C518
 - ASTM C665
 - ASTM C1104
 - ASTM C1304
- **Fire Resistance:**
 - CAN/ULC-S102
 - Flame Spread: 5
 - Smoke Developed: 0
 - CAN4-S114
 - Noncombustibility – Pass
 - ULC-S129 (ASTM E136)
 - Smoulder Resistance – Pass

AVAILABLE STANDARD SIZES – NOISEREDUCER BATTS					
R-Value		Thickness		Width	
R	RSI	inches	mm	inches	mm
8	1.4	2.75	70	16	406
8	1.4	2.75	70	24	610
12	2.1	3.5	89	16	406
12	2.1	3.5	89	24	610
20	3.5	6	152	16	406
20	3.5	6	152	24	610

5. INSTALLATION

Check local practice and/or building codes.

Requirements for installation:

- Walls – friction fit between steel studs. (Supplementary support may be required for floor/ceiling installations.)
- Suspended Ceilings – Lay unfaced batts directly on suspended ceilings. (Check with ceiling panel manufacturer for weight limitations.)

6. AVAILABILITY AND COST

Manufactured and sold throughout North America. For availability and cost, contact CertainTeed at 877-634-7378.

7. WARRANTY

Refer to CertainTeed's Lifetime Limited 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.

For the most up-to-date product information, visit our website at www.certainteed.com/insulation.

STC RATINGS					
3 5/8" Steel Stud Wall Assemblies 16" o.c.	1 Layer of 1/2" Gypsum Wallboard Each Side	1 Layer of 5/8" Gypsum Wallboard Each Side	1 Layer of 1/2" Gypsum Wallboard on One Side, Two Layers on Other Side	2 Layers of 1/2" Gypsum Wallboard Each Side	2 Layers of 5/8" Gypsum Wallboard Each Side
STC	45	47	48	53	56
3 5/8" Steel Stud Wall Assemblies 24" o.c.	1 Layer of 1/2" Gypsum Wallboard Each Side	1 Layer of 5/8" Gypsum Wallboard Each Side	1 Layer of 1/2" Gypsum Wallboard on One Side, Two Layers on Other Side	2 Layers of 1/2" Gypsum Wallboard Each Side	2 Layers of 5/8" Gypsum Wallboard Each Side
STC	48	50	52	55	58

SOURCE: NRC CANADA



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