



Lanae

NoiseReducer™

Glass Fibre Sound Attenuation Batts

CertainTeed Lanae NoiseReducer™ Sound Attenuation Batts are designed for use in residential and commercial wall and ceiling assemblies to effectively reduce unwanted noise. These sound-absorbing batts fill the void between interior standard studs, and break the path of sound for added privacy, quiet and peace of mind. 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 product resists mould and mildew and will not rot or deteriorate. The NoiseReducer Sound Attenuation Batts bring you long lasting comfort through increased thermal performance and reduced noise levels.

FEATURES AND BENEFITS



Better for the PLANET

- Bio-sourced binder
- High recycled content



Better for the INSTALLERS

- Easy to cut and fit
- Soft touch, low dust



Better for FAMILIES

- Formaldehyde-Free
- Improves energy efficiency

COMPOSITION AND MATERIALS

The product is composed of off-white, uniformly textured, inorganic fibrous glass and formed with a formaldehyde-free binding agent.

APPLICATION

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 2" [50 mm]), and between the insulation and recessed light fixtures (at least 3" [75 mm]), unless the fixture is identified for contact with insulation.

Because of potential skin irritation, unfaced building insulation should not be installed in an exposed area where it will be subject to contact with bare skin.

All building insulation should be kept dry. Wet glass fibre insulation will lose its effectiveness until it dries. The glass fibre will often dry naturally and regain its original R/RSI-Value. However, under conditions where the insulation will not dry thoroughly, it should be removed and allowed to dry or be replaced.



PRODUCT DATA

PROPERTY (UNIT)	TEST	VALUE
Thermal Performance	ASTM C518	R/RSI-Values for insulation only, as stated in table on other side
Surface Burning Characteristics	CAN/ULC-102	Flame spread index: 0 Smoke developed index: 0
Noncombustibility (Unfaced)	CAN/ULC 114	Pass
Smoulder Resistance	CAN/ULC-129	Mean mass loss ≤ 5% and each specimen ≤ 10%
Water Vapour Sorption	ASTM C1104	≤ 5%
Odour Emission	ASTM C1304	Pass
Corrosion Resistance	ASTM C665	Pass
Fungi Resistance	ASTM C1338	Pass
Critical Radiant Flux (W/cm ²)	ASTM E790	≥ 0.12

TECHNICAL DATA

APPLICABLE STANDARDS, CODE COMPLIANCE

- Model Building Codes: National Building Code of Canada 2020 Sections 3.1, 5.9 and 9.25
- Material Standards: CAN/ULC 702.1 Type I
- CCMC Evaluation Listing No. 09521-L
- GREENGUARD® Gold Certified
- Environmental Product Declaration (EPD)
- Health Product Declaration (HPD)
- Green Circle verified Recycled Content

INSTALLATION

INSTALLATION IN WOOD FRAMING

STUDS – The standard practice for installing glass fibre batts in wood studs is to friction fit batts into stud cavities. When batts completely fill stud cavities, they are constrained by studs at their edges and by wall facings front and rear.

CEILING JOISTS – When glass fibre batts are installed in ceiling or floor joists, they must be supported by a ceiling finish material or another material such as wire.

INSTALLATION IN STEEL FRAMING

Standard practice for installing glass fibre batts in steel studs is to friction fit batts into stud cavities. When batts completely fill stud cavities they are constrained by studs at their edges and by wall facings front and rear.

When glass fibre batts are installed in steel ceiling or floor joists or rafters from below, they must be supported with wire or a ceiling finish material.

NOISEREDUCER STANDARD SIZES

R/RSI-Value		THICKNESS		WIDTH		LENGTH	
R (HR·ft ² ·°F/BTU)	RSI (m ² ·°C/WATTS)	in	mm	in	mm	in	mm
8	1.4	2.75	70	16	406	48	1219
8	1.4	2.75	70	24	610	48	1219
12	2.1	3.5	89	15	381	47	1194
12	2.1	3.5	89	16	406	48	1219
12	2.1	3.5	89	23	584	47	1194
12	2.1	3.5	89	24	610	48	1219
20	3.5	6.0	152	16	406	48	1219
20	3.5	6.0	152	24	610	48	1219

Additional R/RSI-Value sizes and special order products available, please contact your local CertainTeed Insulation Sales Representative.

STC RATINGS FOR 3 5/8" (92 mm) STEEL STUD WALL ASSEMBLIES

	1 Layer of 1/2" (13 mm) Type C Drywall Panel Each Side	1 Layer of 5/8" (16 mm) Type X Drywall Panel Each Side	1 Layer of 1/2" (13 mm) Type C Drywall Panel on One Side, 2 Layers on Other Side	2 Layers of 1/2" (13 mm) Type C Drywall Panel Each Side	2 Layers of 5/8" (16 mm) Type X Drywall Panel Each Side
16" (406 mm) o.c.	45	47	48	53	56
24" (610 mm) o.c.	48	50	52	55	58

SOURCE: NRC CANADA

SYSTEMS

ULC & UL: Fire resistance verified, BZJZ (R6794) and BKNV (R5832)

Refer to our *Gypsum and Insulation System Manual* for STC and Fire ratings.



MANUFACTURING FACILITIES

Eastern Canada: Ottawa
3985 Belgreen Dr., Ottawa, ON K1G 3N2

Western Canada: Recliff
101 1ST St. Northeast, Redcliff, AB T0J 2P0

WARRANTY

Refer to CertainTeed's Lifetime Limited Warranty for Fiberglass Building Insulation (30-21-1321).

MAINTENANCE

No maintenance required.

AVAILABILITY AND COST

For availability and cost, contact your local contractor or distributor, or call Customer Experience team at 800-233-8990.

TECHNICAL SERVICES

Technical assistance can be obtained either from the local CertainTeed sales representative, or by calling CertainTeed at 800-233-8990.



LEARN MORE



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CertainTeed Canada

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