





Insulating products that are safe to install and provide years of comfort.

performance.

New England Soundproofing maintains one key focus... manufacturing superior performing products that are safe for you and our environment! We provides our customers with the two main qualities necessary when it comes to purchasing any building product, Performance and Peace of Mind.

Manufactured from post-consumer recycled denim, Quiet Insul is Class-A fire rated, offers superior thermal and acoustical properties, and is treated with a non-toxic mold and mildew inhibitor. These qualities provide a product that is high-performing as well as safe for you and the environment.

When it comes to choosing insulation, we know that safety, health, and superior performance are key factors in making that decision. That's why we are confident that Quiet Insul Insulation is the right

r-value.

Quiet Insul provides energy-saving thermal performance. The unique construction of Quiet Insul provides thousands of tiny air pockets that work to maintain strong thermal protection even in extreme temperature changes. The density of Quiet Insul also contributes to providing a consistent thermal performance day in and day out. Quiet Insul is manufactured in "oversized" widths and is installed with a friction fit to provide maximum fill capacity. This also reduces the chance for air convection and infiltration that can occur with smaller sized insulation.

mold-resistance.

The recycled denim fibers used in the manufacturing of Quiet Insul are treated with a non-toxic solution. These fibers are then "flash-dried" to ensure that each fiber that goes into production will meet our strict standards. Our proprietary solution is an effective natural biostat that actively inhibits the growth of mold, mildew, bacteria, and fungi. This same treatment

acoustics.

Controlling sound and noise transmission through walls, ceilings and floors can be a complex design and construction challenge. Quiet Insul offers an extremely high Noise Reduction Coefficient (NRC) to effectively reduce airborne sound transmission including traffic, airplane, radio, television, and everyday human conversation.

The natural fibers in Quiet Insul provide excellent sound absorption, while the patented manufacturing process used to create Quiet Insul produces a three-dimensional infrastructure that effectively traps, isolates, and controls sound waves. The result is a quiet comfortable environment between rooms, walls, and flooring.

LEED™

Quiet Insul Insulation contributes to earning multiple LEED credits throughout the program. Quiet Insul contains 90% post-consumer recycled content and uses cotton, a rapidly renewable resource, as its main component. Quiet Insul does not contain any harmful chemicals or irritants and therefore does not pose any VOC or off-gassing concerns. Using Quiet Insul for your next LEED project will not only assist you in earning LEED credits, but will also provide your clients with a superior, healthy, and safe insulation they can depend on.

Our commitment to the ongoing development of new products and material enhancements will challenge the industry for many years to come.



perforated batts for easy installation

No cutting required.

Select R-values of Quiet Insul Insulation are perforated for easy installation into "off size" cavities. Using a proprietary manufacturing process to perforate several pieces per bag, allowing for an easy-tear process that can provide multiple widths from a single piece of insulation. Simply tear along the perforations to create multiple pieces from a single batt, all with a clean and smooth edge. Quiet Insul perforated insulation drastically reduces installation time by removing the cutting process and replacing it with a quick, clean alternative.



NEW ENGLAND SOUNDPROOFING



Quiet Insul can be used in both interior and exterior walls as well as most ceiling applications. The product easily installs in either wood or metal framing cavities by using a simple friction fit. The product is safe to handle and install without the need for protective clothing or special respiratory equipment.

- **Environmentally Safe**
- **Class-A Fire Rated**
- **Maximum R-value**
- **Superior Acoustics**
- **Resists Mold and Mildew**
- **No Formaldehyde**
- **No Itch or Skin Irritation**
- **LEED™ Eligible Product**

wood framing:

PRODUCT CODE	R-VALUE*	THICKNESS (IN)	WIDTH (IN)	LENGTH (IN)	SQ. FT.	PCS./BAG	WT. LBS.
10002-81532	8	2.0"	15"	32'	9.75	120	20
10002-82332	8	2.0"	23"	32'	9.75	122.66	20
10002-01315	13	3.5"	15"	93"	2.32	77.52	32
10002-01323	13	3.5"	23"	93"	2.32	118.8	49
10002-01915	19	5.5"	15"	93"	2.32	48.45	28
10002-01923	19	5.5"	23"	93"	2.32	74.25	43
10002-02115	21	5.5"	15"	93"	2.32	48.45	32
10002-02123	21	5.5"	23"	93"	2.32	74.25	49
10002-03015	30	8.0"	15"	48"	1.22	25.0	22
10002-03023	30	8.0"	23"	48"	1.22	38.35	34

metal framing:

PRODUCT CODE	R-VALUE*	THICKNESS (IN)	WIDTH (IN)	LENGTH (IN)	SQ. FT.	PCS./BAG	WT. LBS.
10000-81632	8	2.0"	16.25"	32'	9.75	129.99	22
10000-82432	8	2.0"	24.25"	32'	9.75	129.34	22
10002-01316	13	3.5"	16.25"	94"	2.36	84.88	35
10002-01324	13	3.5"	24.25"	94"	2.36	126.63	54
10002-01916	19	5.5"	16.25"	94"	2.36	53.04	31
10002-01924	19	5.5"	24.25"	94"	2.36	79.15	46
10002-02116	21	5.5"	16.25"	94"	2.36	53.04	35
10002-02124	21	5.5"	24.25"	94"	2.36	79.15	52
10002-03016	30	8.0"	16.25"	48"	1.22	27.10	24
10002-03024	30	8.0"	24.25"	48"	1.22	40.40	36

*Tested in accordance with ASTM C-518 at a temperature of 75° F. Higher R-values equal greater insulating power.
 Note: Full recovery may take up to 72 hrs. after removal from package.



MADE FROM
100%
 RECYCLED
 DENIM



product compliances:

Quiet Insul insulation meets the requirements, specification, standards and building practices of the following trade organizations:

BOCA Building Officials & Code Administrators

CABO Council of American Building Officials

ICBO International Conference Building Officials

LEED Leadership in Energy & Environmental Design

SBCCI Southern Building Code Congress International

California Bureau Thermal Insulation License # TI-1367, Reg. # CA-T367AZ

Environmental Spec. #1350 ICC Evaluation Report #1134 LARR ICC ER #1134



physical properties:

PROPERTY	PERFORMANCE	TEST METHOD
Surface Burning Characteristics	Flame Spread 5 (Class-1)	ASTM E-84
Fire Hazard Classification	Smoke Developed 35 (Class-1)	UL-723
Corrosion Resistance	Passed	ASTM C-739
Fungi Resistance	Passed: (No Growth)	ASTM C-739
Bacteria Resistance	Passed: (No Growth)	ASTM C-739
Moisture Absorption	Passed: (Less than 15%)	ASTM C-739
Fire Test of Building Material	Passed: (1-Hour Rating)	ASTM E-119/UL-263

accoustical performance:

R-VALUE	THICKNESS	(MM)	ABSORPTION COEFFICIENTS @ OCTAVE BAND FREQUENCIES (HZ)						
			125	250	500	1,000	2,000	4,000	NRC/STC
R-13	3.5"	89	0.95	1.3	1.19	1.08	1.02	1.0	1.15 NRC
R-13	3.5"	89	21	40	48	52	46	48	45 STC
R-21	5.5"	140	0.97	1.37	1.23	1.05	1.0	1.01	1.15 NRC
R-21	5.5"	140	40	53	57	63	53	63	57 STC

Sound Absorption was tested in accordance with ASTM E90-02, ASTM C423 (Type A mounting per ASTM E 795)