

SoundSense ATI: Acoustic & Thermal Insulation

SoundSense ATI (Acoustic & Thermal Insulation) is a lightweight, foil faced, fire retardant blanket-type insulation with multiple uses. SoundSense ATI offers excellent thermal and acoustical performance and carries a Class-A fire rating.

SoundSense ATI contains no fiberglass and does not itch or cause skin irritation: it is made from durable natural fibers that have excellent sound absorption properties. Every fiber is also individually treated with an EPA registered anti-microbial agent that offers excellent protection from mold, mildew, fungi, and pests as well as fire resistance.

The SoundSense ATI aluminum foil facing reflects unwanted radiant heat and offers excellent protection from air currents, moisture, and vapors.



Applications

- Automobile, Truck & Van
Under Hoods; Headliners; Firewalls; Floorboards; Sleeper Compartments; Complete Interiors; Refrigeration Compartments
- RV & Motor Home
Engine Covers; Generator Compartments; Ceilings; Firewalls; Floorboards; Walls; Dog Houses; Complete Interiors
- Boats & Marine
Engine Covers; Inside Hull; Generator Compartments; Pump Housing; Bulkheads & Overheads
- Residential & Commercial Building
Ceilings; Walls; Roofs/Attics; Interior Walls; Home Theaters & Family Rooms; Radiant Barrier Applications



Installation

SoundSense ATI is easy to work with and can be cut with a sharp utility knife or industrial shears. It is available in either a 4'x6' sheet or in larger 4'x75' rolls.

SoundSense ATI Properties

- **Physical**

<i>Properties</i>	<i>Performance</i>	<i>Method</i>
Surface Burning Characteristics (Fire Hazard Classification)	Flame Spread 10 (Class 1) Smoke Developed 20 (Class 1)	ASTM E 84 UL 723
Zero Surface Burn Rate	Exceeds Standard (Less than 1/5 in./min.)	FMVSS 302
Facing	99% Pure Aluminum Reinforced Foil	
Foil Emissivity	0.03	ASTM E 408
Foil Reflectivity	97%	ASTM E 408
Tensile Tear Strength	100 lbs.	

- **Acoustic**

<i>Sound Absorption was tested in accordance with ASTM C 423 (using a Type A mounting per ASTM E 795)</i>			
Product Name	Thickness (in)	STC	NRC
Insulator 12	3/8	14	.2
Insulator 23	5/8	16	.25
Insulator 32	7/8	17	.6
Insulator 34	7/8	25	.3

Code DNOB



SoundSense, LLC

29 Gann Road, East Hampton, NY 11937
www.soundsense.com
Tel: 631.324.2266
Fax: 631.324.6750