



UltraLiner Sound Blanket is made from post-consumer recycled denim that is thermally bonded to create a high performance acoustical blanket insulation. UltraLiner offers both superior sound absorption and energy saving thermal performance, while contributing to healthy indoor air quality. The surface of UltraLiner is overlaid with a durable and fire-resistant black facing that provides additional strength to the product, while providing a consistent black finish appropriate for many acoustical applications. UltraSonic also works well when paired with perforated metal/wood panels for effective sound absorption.



Uses

- Perforated metal panels
- Vocal Booths
- Garages
- Perforated wood panels
- Basements
- Mechanical Rooms
- Theatres
- Dorm Rooms
- Voice Over Rooms
- Sports Courts

Physical Properties

Operating Limits Temperature
Velocity
Surface Burning Characteristics
(Fire Hazard Classification)

Corrosion Resistance
Fungi Resistance
Bacteria Resistance

Performance
Maximum 250 (121°C)
5000 fpm
Flame Spread Max: 25
Smoke Developed Max 50
Class A / Class 1
Pass – Non Corrosive
Pass – No Growth
Pass – No Growth

Test Method
ASTM C411
ASTM C 1071
ASTM 84
UL 723
NFPA 255
ASTM C 739
ASTM G 21
ASTM G 22

Standard Available Sizes:

DENSITY	THICKNESS		LENGTH		WIDTH	
	inches	mm	feet	m	inches	mm
1.5	1	25	50	15.24	47 - 59	1,194 - 1,499
1.5	2	51	25	7.62	47 - 59	1,194 - 1,499

Acoustical Performance:

THICKNESS		ABSORPTION COEFFICIENTS @ OCTAVEBAND FREQUENCIES (Hz)						
inches	mm	125	250	500	1000	2000	4000	NRC
1	25	.07	.33	.72	.99	.93	.96	.75

Sound Absorption was tested in accordance with ASTM C 423 using a Type A mounting per ASTM E 795

Thermal Performance:

THICKNESS		K-VALUE		C-VALUE		R-VALUE	
1	25	.26	.037	.26	1.48	4.0	.72
2	51	.26	.037	.13	.74	8.0	1.44

Tested in accordance with ASTM C 518
Thermal Conductance (C) and Thermal (R) values are derived from the material Thermal Conductivity (K) value