

Silent Ceiling Black Theater Board offers excellent acoustic performance for large commercial spaces, as well as residential applications. These acoustic boards are made from high quality fiberglass, available in both 3# and 6# densities. The thick black fiberglass facing offers excellent light absorption, making it the perfect choice for lighting and acoustic treatment. These boards can be installed on walls or ceilings with the appropriate hardware

Features:

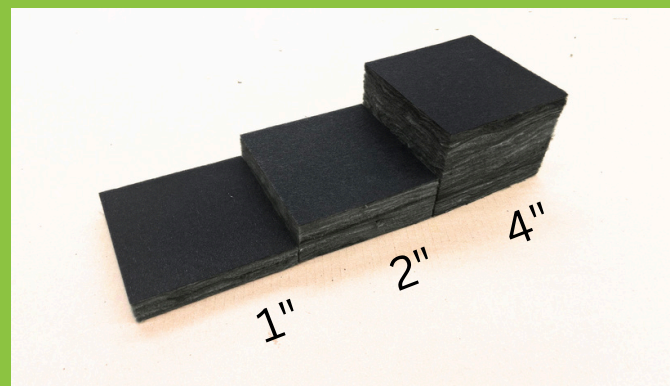
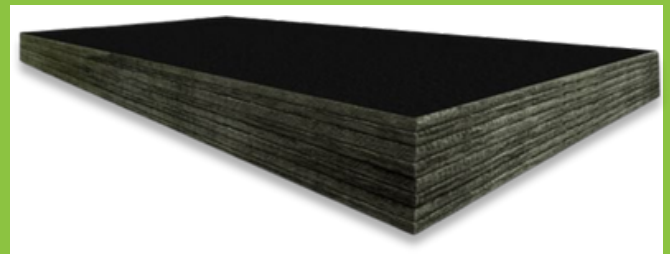
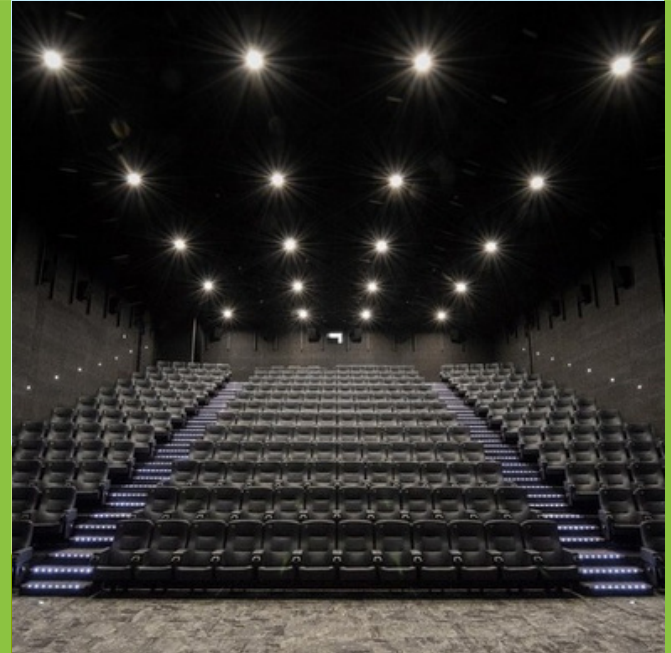
- 4'x8' dimension
- 1", 2" and 4" thicknesses
- 3# and 6# densities
- Class A Fire Rated
- Easy to cut and install
- Lightweight

Installation:

- Inside storage recommended
- Installation with fasteners and adhesive recommended
- Can be cut with utility knife or insulation knife

Applications:

- Multiplex Cinema
- Theater
- Sound Studio
- Auditorium
- Theaters



Octave Band Center Frequencies								
Density	Thickness	125Hz	500Hz	1000Hz	2000Hz	4000Hz	NRC	R-Value
3#	1"	0.06	0.62	0.91	0.99	0.98	0.70	4.30
3#	2"	0.18	1.12	1.12	1.03	1.02	1.00	8.60
6#	1"	0.30	0.68	0.87	0.97	1.06	0.70	4.30
6#	2"	0.39	1.06	1.13	1.09	1.10	1.00	8.60
3#	4"	0.75	1.21	1.15	1.08	.97	1.15	17.40

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Technical Specification

PROPERTIES	STANDARD	DESCRIPTION
Operating Limits	ASTM C411	Maximum Temperature 450°F (232 °C)
Corrosiveness	ASTM C665/ASTM C795	Meets requirements
Thickness and Density	ASTM C167	
Water Vapor Sorption	ASTM C1104/1104M	<5% weight-120°F (49°C), 95% R.H.
Thermal performance (Thermal conductivity)	ASTM C518	0.033 W /m.°C. at 24°C Mean Temp.) Typical value (0.23 BTU.in/hr.ft².°F at 75°F Mean Temp.)
Lineal Shrinkage	ASTM C356	2% Maximum
Fungi Resistance	ASTM C1338	Meets requirements
Odor Emission	ASTM 1304	Meets requirements
Surface Burning Characteristics	ASTM E84 UL 723	Flame Spread Index <25 Smoke Developed Index <50
Limited Combustibility - Plain	NFPA 259	<3500 BTU/lb
DBE Content	Oregon State	FREE, Meets requirements



Product	Total Recycled Content	Post Industrial Recycled Content	Post Consumer Recycled Content
3# 1"	69.37%	69.37%	0%
3# 2"	67.27%	67.27%	0%
6# 2"	68.32%	68.23%	0%