



## BLACK ACOUSTIC BOARD



### DESCRIPTION

Black Acoustic Board, also known as theater board, is a sound absorptive panel that provides excellent acoustic performance by reducing reverberation and improving intelligibility of live and recorded audio. The boards also act as thermal insulators.

The panel's low light reflectivity make it ideal for use in areas with exposed ceilings, theater front ends, in place of ceiling tiles, or behind surface treatments.

Black Acoustic Board is comprised of inorganic fibers with a black matte facing.



### TECHNICAL CHARACTERISTICS

Sizing	4' X 8'
Thickness	1", 2"
Color	Black

### FEATURES

- Class 1 Fire Rated
- 3-6 lbs per cubic foot densities
- Shrink and warp resistant
- Non corrosive
- Thermal insulating

### COMMON APPLICATIONS

- Movie cinemas
- Home theaters
- Performing arts centers



### SOUND ABSORBING PERFORMANCE

	125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz	NRC*
1" Thick, 3 lbs pcf	.06	.25	.62	.91	.99	.98	<b>.70</b>
1" Thick, 6 lbs pcf	.30	.34	.68	.87	.97	1.06	<b>.70</b>
2" Thick, 3 lbs pcf	.18	.71	1.12	1.12	1.03	1.02	<b>1.00</b>
2" Thick, 6 lbs pcf	.39	.63	1.06	1.13	1.09	1.10	<b>1.00</b>

\*Noise Reduction Coefficient

### THERMAL RESISTANCE

	Kg/m <sup>3</sup>	Value (hr•ft <sup>2</sup> •°F)/Btu
1" Thick, 3 lbs pcf	48	<b>4.30</b>
1" Thick, 6 lbs pcf	96	<b>4.30</b>
2" Thick, 3 lbs pcf	48	<b>8.60</b>
2" Thick, 6 lbs pcf	96	<b>8.60</b>

