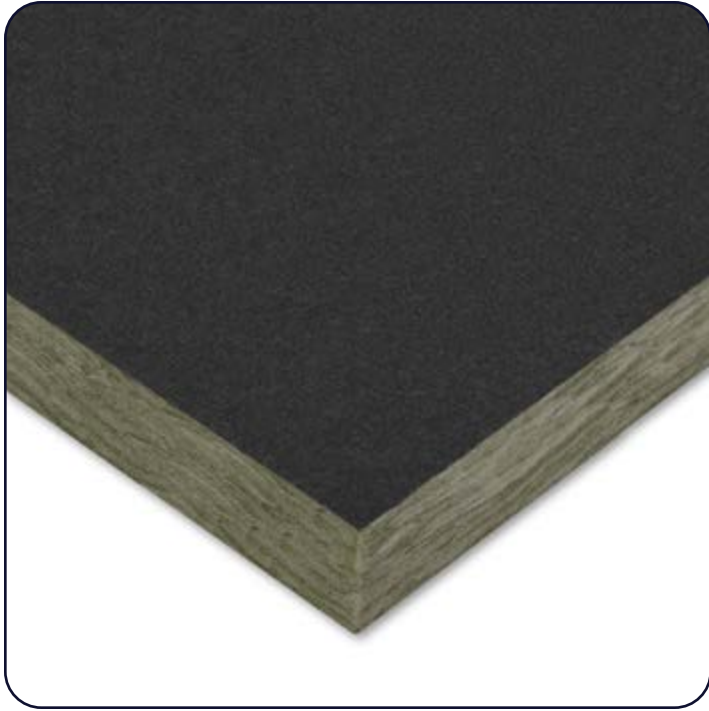


# Black Theater Board



## Description

Black Theater Board is a sound absorptive board that provides excellent acoustic performance by reducing reverberation and improving intelligibility of live and recorded audio. The low light reflectivity of the fiberglass board with black scrim facing makes it ideal for use in areas with exposed ceilings, theater front ends, in place of ceiling tiles or behind surface treatments.

Black Acoustical Theater Board is Class 1 fire-rated and comprised of inorganic fibers with a black matte facing. The fiberglass boards are available in 4' x 8' boards in 1" or 2" thicknesses and in either 3 or 6 pound per cubic foot (PCF) densities.

## Features

- Dimensionally stable – will not shrink or warp
- Non-corrosive
- Thermal insulating

## Technical Characteristics

<b>Size:</b>	4' x 8'
<b>Thickness:</b>	1"   2"
<b>Density:</b>	3 PCF   6 PCF
<b>Composition:</b>	Raw fiberglass core with black matte scrim facing
<b>Color:</b>	Black
<b>Fire Rating:</b>	Class 1 or A per ASTM E84
<b>NRC:</b>	0.70 (1")   1.00 (2")

## Applications

- Movie Cinemas
- Home Theaters
- Performing Arts Centers

### Sound Absorption Performance

### Thermal Resistance

Thickness	Density	125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz	NRC	Kg/m <sup>3</sup>	Value (hr•ft <sup>2</sup> •°F)/BTU
1"	3 PCF	0.06	0.25	0.62	0.91	0.99	0.98	0.70	48	4.30
	6 PCF	0.30	0.34	0.68	0.87	0.97	1.06	0.70	96	4.30
2"	3 PCF	0.18	0.71	1.12	1.12	1.03	1.02	1.00	48	8.60
	6 PCF	0.39	0.63	1.06	1.13	1.09	1.10	1.00	96	8.60

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