



# ECCOBOX

## Thermo-Acoustic Speaker and Lighting Enclosure

### Description:

ECCOBOX thermo-acoustic speaker and lighting enclosures are constructed of recycled, compressed 1" cotton and designed to isolate speaker backwave sound transmission within a wall or ceiling structure. ECCOBOX enclosures are also ideally suited to prevent sound transmission through a recessed lighting fixture from heel impact and upper level noise. ECCOBOX enclosures are available in two sizes, lightweight, easy to construct and install, environmentally friendly and Class A fire rated.

### Features:

- 1" thick / 8 lb. ft<sup>3</sup> compressed cotton with .5 mil aluminum outer facing
- Better speaker performance - absorption combined with STC value
- Effective acoustic barrier for adjacent rooms, high STC
- R-15 thermal insulative value for energy star compliance
- UL 1479 (One Hour Rating) / ASTM-E814 (Pending)
- Packaged flat for easy shipping and storage
- Very lightweight for reduced shipping costs

### Applications:

- Fire rated back boxes
- In ceiling, in wall coming soon
- Above recessed lighting fixtures

### Sizes:

- Universal Fit / Fits between 16" O.C. and 24" O.C. joists
- SB-EB-14227 (14.5" x 22.5" x 7")
- SB-EB-14229 (14.5" x 22.5" x 9")

### Color:

- Marble blue with .5 mil aluminum FRK facing

### Performance Testing:

Panel Sound Absorption	Size	Mount	125Hz	250Hz	500Hz	1KHz	2.5KHz	4KHz	NRC
	1"	A	.09	.24	.86	.98	.98	1.03	.75
STC			125Hz	250Hz	500Hz	1KHz	2KHz	4KHz	STC
			12	12	14	13	20	29	17

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thermo-acoustic  
back box enclosure