

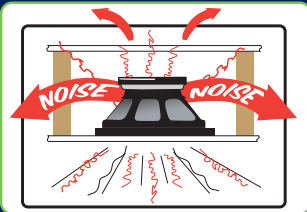
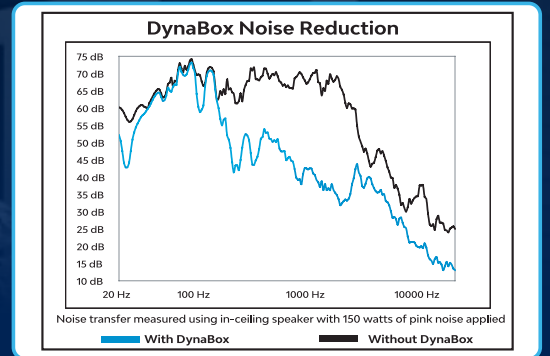
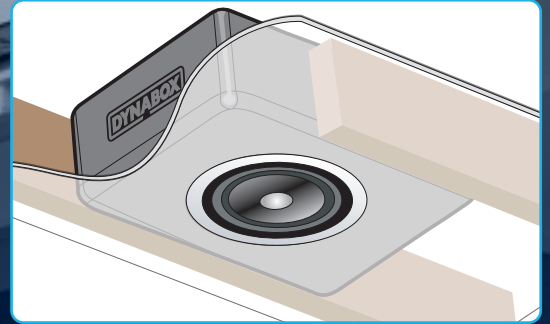


# DYNABOX

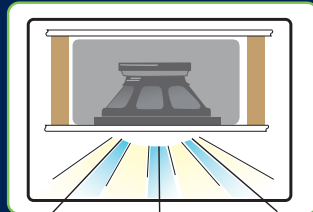
- » Reduce Noise Through Floors
- » Easy Retrofit Installation
- » Improve Sound Quality
- » Provide Moisture Barrier
- » Stop Back-Wave Distortion

## Noise Barrier Speaker Enclosure

DynaBox is a unique retrofit ceiling speaker enclosure that completely encases the speaker, effectively reducing sound migration between rooms, ceilings and floors. DynaBox is ultra-flexible which enables it to be completely collapsed for installation. This revolutionary design makes the DynaBox extremely easy to retrofit through existing speaker openings or install in new construction. DynaBox projects more clear sound into the room and reduces unwanted sound traveling outside the room.



**POOR PERFORMANCE WITHOUT**



**SUPERIOR PERFORMANCE WITH DYNABOX**



**DynaBox**  
 17.25" x 12.25" x 6.5"  
 Contains DynaBox Enclosure,  
 SoundSnake and Back-Wave foam  
 PART NO. 50306

US PATENT NO. 7,530,425 B2

## ARCHITECTURAL SERIES



**Dynamat Inc.**  
 3042 Symmes Road | Hamilton, OH 45015  
 513.860.5094 | [www.dynamat.com](http://www.dynamat.com)



## Components

### DYNABOX

**Appearance:** Black Flexivinyl Barrier  
**Color:** Charcoal Gray  
**STC:** 28  
**Mass:** 1lb per square foot  
**Material Thickness:** 0.09 inches  
**Temperature Range (Resistance):** -40 °F to +220 °F (-40 °C to +105 °C)  
**Chemical Resistance:**  
 Resistant to water and mineral oils  
**Dimensions:** 17" x 12" x 6.5"  
 (438mm x 311mm x 165mm)

### BackWave Foam

**Dimensions:** 13.5" x 9" x 1"  
 (343mm x 229mm x 25mm)  
**Mass:** 0.16 lb/ft<sup>2</sup> (0.78 kg/m<sup>2</sup>) Density: 2.0 lb/ft<sup>3</sup> (0.125 kg/m<sup>3</sup>)  
**Tensile Strength:** 15 psi  
**Tear Strength:** 1.9  
**Thermal Conductivity (R):** 1.9 (hr-ft<sup>2</sup>-deg.F/BTU)  
**Standards:** Meets UL94 HF-1  
**Temperature Range (Resistance):** -40 °F to +225 °F (-40 °C to +107 °C)

## SOUND SNAKE

*Dynil barrier between two layers of gray acoustic foam.*

Dynamat, DynaBox and SoundSnake are trademarks of Dynamat, Inc.

### FOAM

**Thickness:** 1.5" (38.1mm) total  
**Density:** 2.0 lb/ft<sup>3</sup> (0.125 kg/m<sup>3</sup>)  
**Tensile Strength:** 15 psi  
**Tear Strength:** 1.9  
**Thermal Conductivity (R):** 1.9 (hr-ft<sup>2</sup>-deg.F/BTU)  
**Standards:** Meets UL94 HF-1  
**Temperature Range (Resistance):** -40 °F to +225 °F (-40 °C to +107 °C)

### DYNIL

**Appearance:** Black Flexivinyl Barrier  
**Color:** Charcoal Gray  
**STC:** 28  
**Mass:** 1lb per square foot  
**Thickness:** 0.09 inches  
**Standards:** Meets UL94-V0  
**Temperature Range (Resistance):** -40 °F to +220 °F (-40 °C to +105 °C)  
**Chemical Resistance:** Resistant to water and mineral oils

## Retrofit Installation

