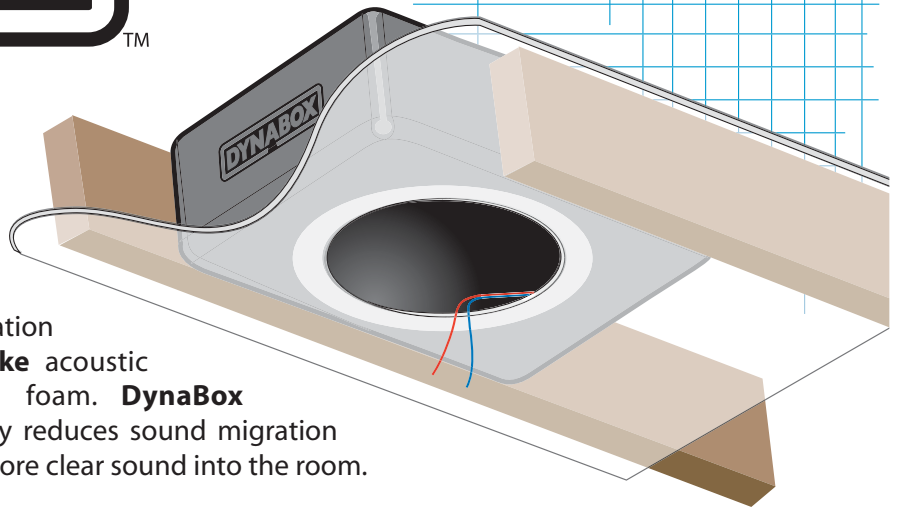
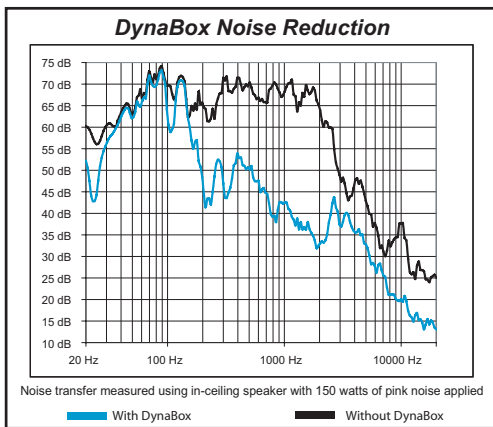




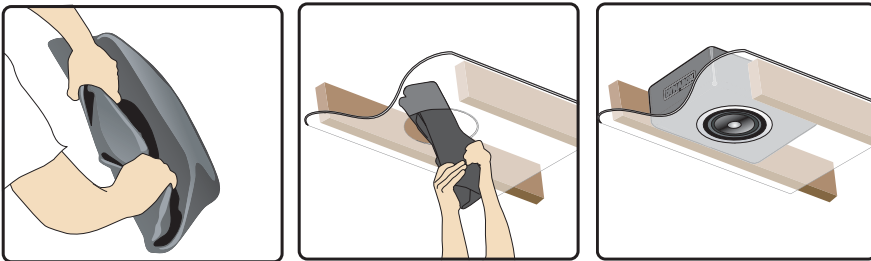
**DynaBox** is a revolutionary acoustic barrier for in-ceiling speakers. **DynaBox** features a flexible design which enables it to be completely collapsed for easy retrofit installation. **DynaBox** can also be installed in new construction. **DynaBox** consists of a combination of flexible sound barrier vinyl, the **SoundSnake** acoustic decoupler and noise absorbing back-wave foam. **DynaBox** completely encases the speaker, which effectively reduces sound migration between rooms, ceilings and floors and projects more clear sound into the room.



# Make Ceiling Speakers Sound Incredible



- Reduce Noise Through Floors
- Diffuse Back-wave Distortion
- Provide Moisture Barrier
- Improve Sound Quality



## Easy Retrofit Installation

DynaBox Ceiling Barrier **Part No. 50306** 17" x 12" x 6.5"

 **DYNAMIC CONTROL**  
Hamilton, Ohio 45015 • 513-860-5094  
[www.dynamat.com](http://www.dynamat.com)



**Better Sound,  
Quieter Living**

Part No. 2044

The names Dynamat, DynaBox and SoundSnake are trademarks of Dynamic Control of North America ©2005. All Rights Reserved.

# Component Specifications



**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)



Dynil barrier between two layers of gray acoustic foam.

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

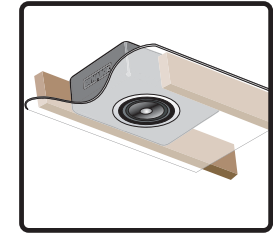
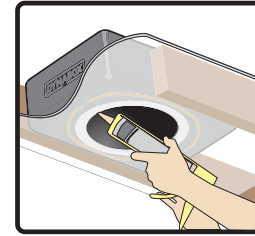
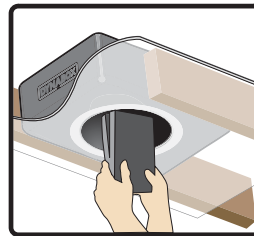
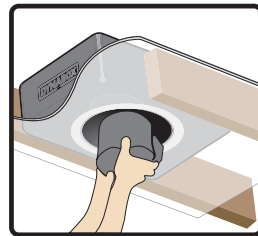
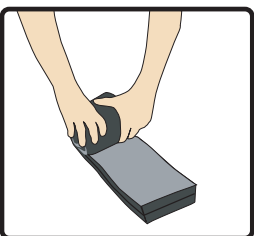
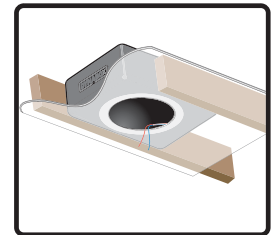
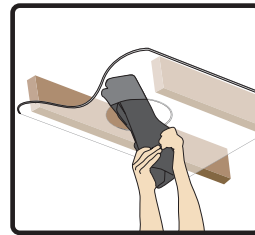
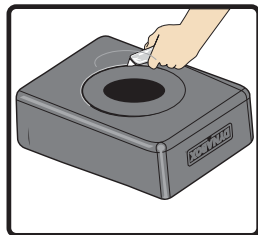
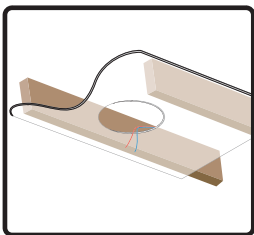
**Temperature Range (Resistance):**

-40 °F to +220 °F (-40 °C to +105 °C)

**Chemical Resistance:**

Resistant to water and mineral oils

# Installation



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