



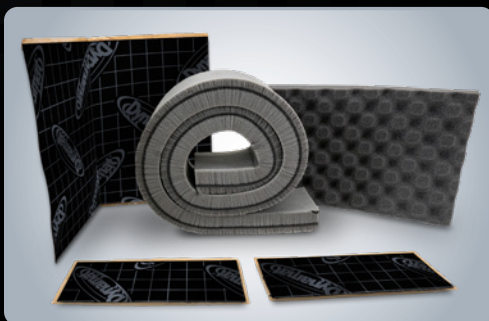
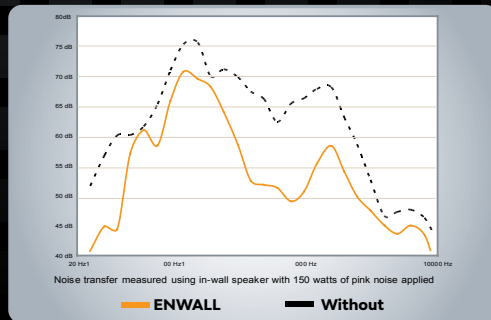
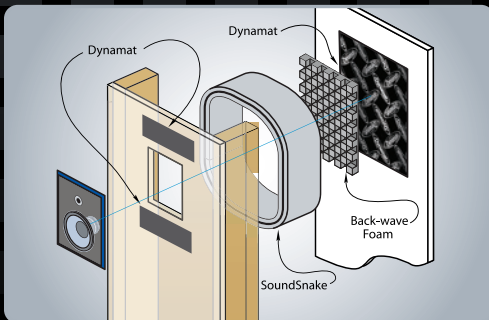
SPEAKER ENCLOSURE SYSTEM

SUPERIOR PERFORMANCE SOUND BARRIER

- » **Damp Wall Vibration**
- » **Sound Barrier Speaker Enclosure**
- » **Diffuse Speaker Back-Wave**
- » **Decouple Speaker Enclosure**

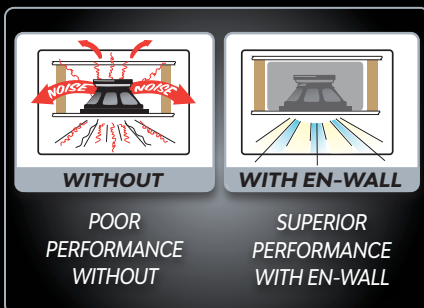


For 1 Speaker



- PACKAGE CONTAINS:**
- (1) 1.5" x 3.5" x 54" SoundSnake™ with Dynil®
 - (1) 13" x 9" Back-wave foam
 - (1) 12" x 18" Dynamat Xtreme
 - (2) 4" x 10" Dynamat Xtreme

U.S. Patent No. 7,353,907 B2



Dynamat® En-Wall®



En-Wall Enclosure Systems combine Dynamat Xtreme, back-wave absorbers, and the SoundSnake™ to damp, diffuse and decouple in-wall speakers. It significantly reduces wall vibration, projects more clear sound into the room and reduces unwanted noise transfer. En-Wall encases your speakers creating an optimal acoustic environment for delivering premium sound quality.



HOME & ARCHITECTURAL SERIES

EN-WALL

Components



DAMPS

Appearance: Black butyl core with 4 mil aluminum constraining layer, self adhesive with release liner

Mass: 0.45lbs./ft.2 (2.20kg/m²)

Adhesive Peel Strength: 42.6 lb./in. (74.8 N/cm)

Thickness: 0.067" (1.7mm)

Temperature Range (Optimal Performance):

14°F to +140°F (-10°C to +60°C)

Temperature Range (Resistance): -65°F to +300°F (-54°C to +149°C)

BackWave Foam DIFFUSES

Dimensions: 13" x 9" x 1"
(33cm x 22cm x 25mm)

Mass: 0.16 lb/ft² (0.78 kg/m²)

Density: 2.0 lb/ft³ (0.125 kg/m³)

Tensile Strength: 15 psi

Tear Strength: 1.9

Thermal Conductivity (R): 1.9 (hr-ft²-deg.F/BTU)

Standards: Meets UL94 HF-1

Temperature Range (Resistance): -40°F to +225°F (-40°C to +107°C)



DECOUPLES

Dynil barrier between two layers of gray acoustic foam.

FOAM

Thickness: 1.5" (38.1mm) total

Density: 2.0 lb/ft³ (0.125 kg/m³)

Tensile Strength: 15 psi

Tear Strength: 1.9

Thermal Conductivity (R): 1.9 (hr-ft²-deg.F/BTU)

Standards: Meets UL94 HF-1

Temperature Range (Resistance): -40°F to +225°F (-40°C to +107°C)

DYNIL

Appearance: Black Flexivynyl 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

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

Installation

Before you start, make sure you have chosen the proper size of the En-Wall Kit based on your wall thickness (4" or 6")

For Retrofit installation, first remove the in-wall speaker.

Prepare the surface by wiping the dust, dirt and debris from the area behind the in-wall speaker opening.

Place the Dynamat on a flat surface, and attach the Back-Wave Foam to the aluminum face.

Fold the Dynamat Xtreme/Back-Wave Foam as needed to pass through the in-wall speaker opening.

Remove the release liner and attach the Dynamat Xtreme/Back-Wave Foam assembly to the clean drywall making sure that it adheres properly. (Be careful not to drop the Dynamat Xtreme/Back-Wave Foam in the wall.)

Slide the SoundSnake through the hole and position one end against a wall stud. Insert remainder of SoundSnake to create a rounded corner enclosure (See picture on opposite side). Position the speaker wire behind the SoundSnake against the back wall. Finish by joining the ends of the SoundSnake together.

Install (re-install) the in-wall speaker.



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