



# dB3<sup>®</sup> LITE

## Lightweight Noise Barrier for Walls



### FOR COMMERCIAL AND RESIDENTIAL USE

#### RESIDENTIAL NOISE BLOCKING

Blocks disturbing airborne noises like voices to create quiet, relaxing and comfortable spaces in your home, apartment or condominium.

#### COMMERCIAL NOISE BLOCKING

When applied to light-gauge metal framing, the flexible damping characteristics achieve STC ratings comparable to assemblies using heavier, higher-cost material.

#### EASY TO INSTALL

Perfect for the commercial or residential contractor on the hunt for innovative products. Can be installed directly to wood or metal framings in walls.

#### ENVIRONMENTALLY SAFE

Made from POE (polyolefin elastomer) and does not contain plasticizers or unsafe chemicals.

#### FLEXIBLE & TOUGH

Goes beyond mass alone to add flexible damping characteristics to the system to reduce sound even more.

#### AMERICAN MADE

Manufactured from materials sourced in the United States and produced in our North Carolina manufacturing facility.

#### RESIDENTIAL APPLICATIONS

Houses, Apartments, Condominiums

- Bedrooms
- Baths
- Utility areas

#### COMMERCIAL APPLICATIONS

Light-Gauge Metal Framed Walls

- Hotel rooms
- Medical exam rooms
- Conference rooms
- Party walls

#### ECO-FRIENDLY ATTRIBUTES

dB3 Lite is made from high-quality raw materials to ensure optimum performance

dB3 Lite is 100% recyclable at end of life

LEED credits are available with the use of dB3 Lite

Unlike PVC MLV, our POE does not harden over time or pose health risk if burned



R38761

## LIGHTWEIGHT NOISE BARRIER FOR WALLS IN RESIDENTIAL AND COMMERCIAL CONSTRUCTION

dB3 Lite is the best solution for blocking sound between rooms. This lightweight mass loaded material is designed specifically to block airborne noise like voices to create quiet, comfortable living spaces. dB3 Lite can be used in new and existing construction. When applied to light-gauge metal framing in commercial applications, the flexible damping characteristics achieve STC ratings comparable to assemblies using heavier, higher-cost material. dB3 Lite is made from POE and does not contain any plasticizers or unsafe chemicals.

### PREPARATION & APPLICATION\*

1. Surfaces to receive dB3 Lite should be clean and dry
2. Installers should utilize acoustical sealant, tape, sound-rated putty and sound isolation materials to preserve acoustical integrity; do not use dB3 Lite within two feet of light fixture
3. Install vertically so seams fall on studs
4. Attach at the top only with screws and staples; dB3 Lite will be secured permanently when finished wall is fastened
5. dB3 Lite may be used on existing finished walls and covered with another layer of drywall
6. dB materials can be stiff and less pliable at low temperatures; they are best installed at or above room temperature

\* For detailed installation of dB3 Lite, reference installation instructions

### Transmission Loss Material Only | Test # RAL TL 18-592

Barrier Type	125	250	500	1000	2000	4000	STC
dB3 Lite	9	14	17	23	28	32	22

### Transmission Loss Metal Framed Wall Assembly\* | Test # RAL TL 18-392

Barrier Type	125	250	500	1000	2000	4000	STC
dB3 Lite	32	46	53	60	56	61	55

\*STC test 25 ga. 24"oc, R-13 ins, 5/8 gyp each side w/dB3 Lite one side

### Typical Physical Properties for dB3 Lite

<b>Material</b>	POE heavily filled calcium carbonate
<b>Width</b>	48"
<b>Thickness</b>	.06"
<b>Color</b>	Black
<b>Surface</b>	Smooth finish
<b>Burn Test</b>	Class C exposed Class A behind 3/8" Gypsum
<b>Temperature Range</b>	-40°F to +180°F

United Plastics has extensive acoustic and application test data available for dB3 Lite products. Please contact your sales representative for more information.



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