dB3®

Noise Barrier for Ceilings & Walls

FOR COMMERCIAL AND RESIDENTIAL USE

NOISE BARRIER
Keeps your space quiet and comfortable by stopping disturbing noises like voices, television and music from passing through walls and ceilings

MOISTURE CONTROL
Acts as an air and moisture barrier to resist mold and mildew, which helps maintain good air quality and improve HVAC efficiency

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

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

VERSATILE
Can also be used to wrap heat ducts and plumbing pipes to reduce equipment noise and muffle sounds of water draining from tubs, sinks and toilets

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

IDEAL APPLICATIONS

Commercial and residential

Apartments and condominiums

Hotels

Offices

Music rooms and theater rooms

Conference rooms and privacy protected areas

ADVANTAGES

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

dB3 is 100% recyclable at end of life

LEED credits are available with the use of dB3

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

UL approved for U300, U400, & V400 wall constructions

CLASSIFIED UL®
R38761

NOISE BARRIER FOR WALLS & CEILINGS

dB3 is designed specifically to block airborne noise like voices, television and music to create quiet, comfortable living spaces. This POE mass loaded vinyl acoustic barrier can be used in new and existing construction. Although dB3 is primarily used for walls and ceilings, this versatile material can also be used to wrap noisy plumbing pipes.

PREPARATION & APPLICATION*

1. Surfaces to receive dB3 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 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 will be secured permanently when finished wall is fastened
5. dB3 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

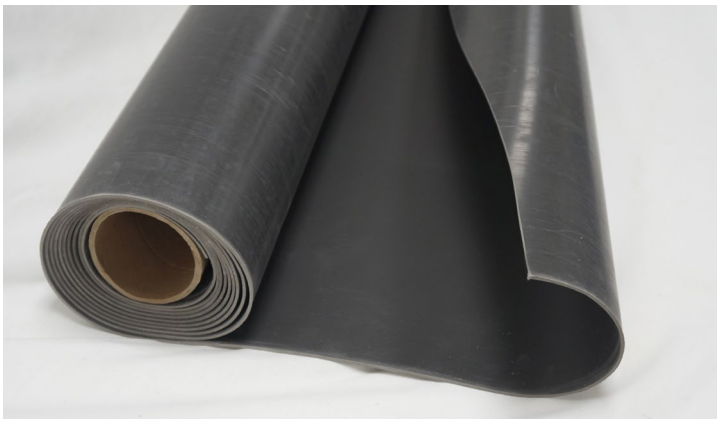
* For detailed installation of dB3, reference installation instructions

---

Noise Transmission Loss (dB)/Frequency (HZ)							
Material	125	250	500	1000	2000	4000	STC
dB3 .5 lb.	10	13	17	21	26	31	21
dB3 1 lb.	14	16	21	27	29	47	26
dB3 2 lb.	16	22	26	32	35	40	31

Available weights material per sq. ft.

Typical Physical Properties for dB3 1lb.	
Color	Black
Tensile Strength	MD 215 PSI AMD 236 PSI
Tear Strength	MD 99 PSI AMD 95 PSI
Thickness	.100”
Ultimate Elongation	MD 124% AMD 680%
Temperature Range	-40°F to +180°F



United Plastics CORPORATION

United Plastics Corporation, Inc.
511 Hay Street
Mount Airy, NC 27030

CLASSIFIED UL R38761

Phone: 336-786-2127
www.unitedplastics.com