



## Heavy-Duty Noise Barrier and Impact Isolator for Walls & Ceilings



### FOR COMMERCIAL AND RESIDENTIAL USE

#### HEAVY-DUTY SOUND PROTECTION

This heavier material offers robust acoustical performance for those applications requiring extreme sound control, including heavy-gauge metal wall framing. Also acts as an isolator for low frequency airborne noise.

#### VERSATILE

Popular among architects and contractors, this material can be used for installation in new and retrofit wall and ceiling applications.

#### FLEXIBLE

Uniquely formulated to combine a dense, flexible layer of protection with a fibrous insulation layer to provide additional comfort to the spaces where it's installed

#### 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 polyester fiber and does not contain plasticizers or unsafe chemicals

#### AMERICAN MADE

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

#### IDEAL APPLICATIONS

- Commercial and residential construction
- Apartments and condominiums
- Hotels
- Offices
- Music rooms and home theaters
- Conference rooms and privacy protected areas

#### ECO-FRIENDLY ATTRIBUTES

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



R38761

## HEAVY-DUTY NOISE BARRIER AND IMPACT ISOLATOR FOR WALLS & CEILINGS

dB3 MAX offers robust acoustical performance for those applications requiring extreme sound control, isolating low frequency airborne noise. Both architects and contractors alike appreciate its application versatility as it can be used in new and retrofit wall and ceiling applications. dB3 MAX is made from POE and polyester fiber, does not contain any plasticizers or unsafe chemicals, and is flexible and easy to install.

### PREPARATION & APPLICATION\*

1. Surfaces to receive dB3 MAX 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 MAX 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 MAX will be secured permanently when finished wall is fastened
5. dB3 MAX may be used on existing finished walls and covered with another layer of drywall

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

### Noise Transmission Loss (db)/Frequency (HZ) on 18 gauge wall | Test # RAL TL 17-453

Material	125	250	500	1000	2000	4000	STC
dB3 MAX	40	46	55	61	54	64	56

### Typical Physical Properties for dB3 MAX

Color	Black
Weight	1 lb./sq. ft.
Tensile Strength	475 PSI
Tear Strength	207 PSI
Thickness	.19"
Temperature Range	-40°F to +180°F
R- Value	@ 1" 4.366

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



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