



Environmentally Safe Isolation Underlayment



FOR COMMERCIAL AND RESIDENTIAL USE

IMPACT NOISE REDUCTION

Unique blend of materials block common airborne noise such as voices, television and music while also reducing footfall noise in the room where it is installed as well as the space below

MOISTURE CONTROL

Does not contain organic compounds to harden, deteriorate or support mold growth when placed under the finished floor material; acts as a moisture and air barrier for improved HVAC efficiency

ENVIRONMENTALLY SAFE

Made from POE (polyolefin elastomer) and does not contain plasticizers or unsafe chemicals; dB4 MAX is considered a low VOC material

FLEXIBLE

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

VERSATILE

Specially designed material combines a dense, flexible layer of protection with a fibrous insulation layer designed to block sounds at all frequencies.

AMERICAN MADE

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

IDEAL APPLICATIONS

Commercial and residential construction

Multi-family living units

Hotels

Bedrooms

Music rooms and home theaters

Conference rooms

Privacy protected areas

dB4 Max is not designed for use under ceramic, porcelain or VCT tile. Recommended for use with LVT 5mm or thicker.

ECO-FRIENDLY ATTRIBUTES

dB4 MAX is made from high-quality raw materials to ensure optimum performance

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



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ENVIRONMENTALLY SAFE ISOLATION UNDERLAYMENT

dB4 MAX acoustic underlayment is a mass loaded material with a fiber isolation layer designed to reduce impact and airborne noises. dB4 MAX also substantially reduces footfall noise to the space below as well as in the room where it was installed. It can be used with carpet, hardwood and laminate flooring materials. Installation is quick and easy.

PREPARATION & APPLICATION*

1. Position dB4 MAX with POE (black) side in accordance with the finishing flooring to be used
2. Place dB4 MAX edge-to-edge to cover floor
3. Cover the dB4 MAX with the finishing floor material
 - a. Carpet layers can be installed directly on top
 - b. Wood floors can be nailed directly on top
 - c. Laminate floors can be floated directly on top
4. Common flooring types: fiber side down

* For detailed installation of dB4 MAX, reference installation instructions

Impact Sound Pressure Level | Test # RAL IN 18-17

Underlayment Type	125	250	400	500	1000	STC
dB4 MAX	59	57	62	53	32	57

Typical Physical Properties for dB4 MAX – 1 lb.

Color	Black w/brown fiber
Weight	.7 lb. MLV
Tensile Strength	391
Tear Strength	207
Thickness	3/16" compressed
Ultimate Elongation	na
Temperature Range	-40° F to 180° F
R-Value	@1" 4.366

United Plastics has extensive acoustic and application test data available for dB4 products. Please contact your sales representative for more information.



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