

dB4™ CERAMIC

Impact Isolation for Floors



FOR RESIDENTIAL USE ONLY

IMPACT NOISE REDUCTION

Absorbs the otherwise harsh noise reverberating from ceramic floors. Reduces footfall and impact noise in the room where it was installed as well as the space below.

TARGETED PERFORMANCE

Designed and engineered specifically for use with masonry tiles, including ceramic, porcelain and marble

FLEXIBLE

Specially designed material is a flexible layer of protection with a fibrous insulation layer designed to block walking and impact noises

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 polyester 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

Residential construction
Apartments and condominiums
Hotel rooms
Kitchens and baths
Single family homes

ECO-FRIENDLY ATTRIBUTES

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

dB4 Ceramic is 100% recyclable at end of life

LEED credits are available with the use of dB4 Ceramic

IMPACT ISOLATION FOR FLOORS

dB4 Ceramic is designed and engineered specifically for use with masonry tiles, including ceramic, porcelain and marble. This flexible material absorbs the otherwise harsh footfall and impact noise reverberating from ceramic floors to create quiet, comfortable spaces. Laboratory test results verify its superior acoustic performance. Product is not designed for use in public lobbies or hallways.

PREPARATION & APPLICATION*

1. Material surfaces to receive dB4 Ceramic should be clean and dry
2. dB4 Ceramic is not to be used with glue down luxury vinyl tile or vinyl composition tiles due to possible indentation issues
3. dB4 Ceramic is to be attached to the subfloor with the specified adhesive
4. dB4 Ceramic may be used on all subfloor types, including concrete, gypsum concrete and wood

* For detailed installation of dB4 Ceramic, reference installation instructions

| Impact Sound Pressure Level 6" Concrete Slab with Ceramic Tile Floor Test # RAL IN 19-001 | | | | | | | |
|---|-----|-----|-----|-----|------|------|-----|
| Underlayment Type | 100 | 200 | 315 | 500 | 1000 | 2500 | IIC |
| dB4 Ceramic | 55 | 60 | 69 | 69 | 53 | 40 | 48 |

| Typical Physical Properties for dB4 Ceramic | |
|---|---------------------------|
| Roll Dimensions | 4' x 25' |
| Sheet Dimensions | 4' x 8' and 4' x 10' |
| Weight | .10 lb./sq. ft. (nominal) |
| Thickness | 0.010" |
| Standard Tolerances | |
| Width | + 0.5" -0" |
| Length | + 1% - 0" |

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



United Plastics Corporation, Inc.
511 Hay Street
P.O. Box 807
Mount Airy, NC 27030



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

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