



dB-4Pro™ is a mass loaded, limp vinyl sound damping material designed for commercial, industrial, and residential applications to reduce sound transmission. It is used primarily underneath hard surfaces to reduce both impact and airborne noises.

Installation Instructions

dB-4Pro™ is not warranted as a moisture barrier.

Installation of dB-4Pro™

Step 1:

- Gypsum concrete surface preparation: Surfaces to receive dB-4Pro™ shall be clean and cured per the gypsum concrete manufacturers curing instructions;
- Wood subfloor surface preparation: Surfaces to receive dB-4Pro™ shall be clean with no protruding fasteners;
- Acclimate the rolls of dB-4Pro™ for a minimum of 24 hours at temperatures 60° F or greater to reduce material stiffness when unrolling;
- **IMPORTANT NOTE:** Planks should be installed perpendicular (90 degrees) to the dB-4Pro™ underlayment pattern;
- **PLACE THE BLACK SIDE DOWN ONTO THE SUB-FLOOR FOR:**
 - Nail down hardwood floors
 - Floating hardwood floors
 - Ceramic tile
- **PLACE THE BLACK SIDE UP ONTO THE SUB-FLOOR FOR:**
 - Glue down hardwood floors
- Starting in one corner of the room, unroll dB-4Pro™ flush with the existing wall and cut to required length. Use a straight edge and cut with a utility knife;
- Roll out additional dB-4Pro™ rolls, tightly butting the side edges to one another. Do not overlap seams;
- End joints should be staggered;
- (OPTIONAL) Although designed as a free floating underlayment, dB-4Pro™ may be secured to the subfloor using quickset;
- (OPTIONAL) The seams may be taped, at the installer's discretion, but taping of seams is not required. If seams are taped, ensure that there are no bubbles or wrinkles in the tape;
- dB-4Pro™ is easily cut to fit around irregular objects and columns.



Installation of Hardwood Floors

**Nail down,
glue down, or
free floating**

- **IMPORTANT NOTE:** For nail down hardwood or floating hardwood, place the black side facing **DOWN** onto the sub-floor;
- **IMPORTANT NOTE:** For glue down hardwood place the black side facing **UP** onto the sub-floor;
- **IMPORTANT NOTE:** Planks should be installed perpendicular (90 degrees) to the dB-4Pro™ underlayment pattern.
- Acclimate the floor covering at the installation site per the flooring manufacturer's requirements. The floor covering manufacturer's recommended installation guidelines must be followed using recommended pressure sensitive or premium vinyl adhesives and application directions;
- Apply the floor covering manufacturer's recommended adhesives (if glue down hardwood) directly onto the dB-4Pro™, following flooring manufacturers application instructions;
- Ensure the seams of dB-4Pro™ underlayment are offset from the seams of the wood flooring.

Installation of Ceramic Tile

**Installation
of Ceramic
Tile**

- **IMPORTANT NOTE:** Insure that white side of dB-4Pro™ is facing **UP**;
- Install mortar to white side of dB-4Pro™. Follow adhesive manufacturer's instructions;
- Install tiles per tile manufacturer's instructions;
- Mortar joints should be no greater than 1/8" in width;
- Allow mortar to dry 24 hours before grouting. This is important to mote mortar curing;
- Grouted floor should have light foot traffic only for first 48 hours;
- Mortar and grout continue to cure for up to 30 days;
- **IMPORTANT NOTE:** Any mortar or grout used **MUST** be polymer fortified;
- Recommended mortars & grouts follow:
 - Mortar: Laticrete 253 Gold thinset (Preferred), Mapei Ultraflex 2 Mortar, & Custom Building ducts Flexbond Mortar;
 - Grout: Laticrete Permacolor Select Grout (Preferred), Laticrete SpectraLOCK, Geg-Lite Epoxy Grout.

About Us:

Located in Mount Airy, North Carolina, United Plastics Corporation has been producing quality plastic products since 1946. Our soundproofing materials are used in multi-family housing, hotels, commercial properties, and residential properties throughout the United States.



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