

## NOISE CONTROL UNDERLAYMENT **ISOLAYMENT BR for WOOD GLUE-DOWN FLOORS** INSTALLATION GUIDELINES

**! IMPORTANT NOTE:** IsoLayment is manufactured from recycled tires. A rubber odor will be present while the material is exposed. Once covered, no odor will be detectable. Emissions from IsoLayment are *not* harmful.

### General Preparations

- Subfloor must be clean, dry, flat, and level. Fill cracks and remove residue. When IsoLayment is installed over lightweight, self-leveling concrete products e.g., gypsum-based concrete or cellular concrete, subfloor must be sealed with a primer as recommended by lightweight, self-leveling concrete manufacturer.
- Ensure a strong, rigid subfloor with deflection not exceeding 1/360 of the span, including live and dead loads.
- Slope of subfloor shall not exceed 1/4-inch per foot i.e., not greater than 2%.
- **Concrete subfloor** shall be troweled smooth, free from spills/voids, and be clean and dry.
  - **NOTE:** Avoid excessive moisture. Check every subfloor for excessive moisture. Follow adhesive and finish flooring manufacturer's guidelines and moisture percentages, using whichever is lowest, for allowable concrete moisture content.
- **Wood subfloor** shall be free of weak spots, squeaks, protruding nails, screws, staples, and be clean and dry.
  - **NOTE:** Avoid excessive moisture. Check every subfloor for excessive moisture. Follow adhesive and finish flooring manufacturer's guidelines and moisture percentages, using whichever is lowest, for allowable moisture content.
- If a waterproof membrane is required, install per manufacturer's instructions.
- Approved adhesives:
  - DriTac 6200 Premium Wood Flooring Adhesive
  - DriTac Eco-6200GR "Green" Pressure Sensitive Wood Flooring Adhesive
  - DriTac 9200 FasTac High Solids Wood Flooring Adhesive
  - DriTac 9100 Contractors Choice High Solids Wood Flooring Adhesive
  - DriTac 7600 Premium Urethane Adhesive
  - DriTac 7500 Eco-Urethane "Green" Urethane Adhesive,
  - "Easy Spread" DriTac 7400 Moisture Cure Urethane Adhesive.

Installer is solely responsible for selecting and applying adhesive per manufacturer's guidelines. Selection and application of alternative adhesive products are sole

responsibility of installer. Always check with finished flooring manufacturer for adhesive and warranty information.

### Installation of SRP Perimeter Isolation Material

- 1) Cut Kinetics SRP isolation material to a height 1/4-inch less than planned finished floor system elevation.
- 2) Apply spray adhesive (such as Camie 363 High Strength Fast Tack Spray Adhesive) following manufacturer's directions. First, apply to perimeter surface. Next, apply to one (1) side of SRP perimeter isolation material. When both surfaces are tacky, adhere SRP to perimeter. Alternately, double-sided tape may be used.
- 3) Adhere Kinetics SRP to any protrusions through the floor system including floor drains, columns, pipes, conduit, etc. following steps 1-2.

Optional Perimeter Isolation Material Installation: Unroll IsoLayment and cut sections approximately 2" wide off roll. Vertically adhere this isolation material around both the perimeter of and any protrusions through the entire floor with DriTac 6200, DriTac Eco-6200GR, DriTac 9100 Contractors Choice, DriTac 9200 FasTac, Easy Spread DriTac 7400, DriTac 7500 Eco-Urethane, or DriTac 7600. Upon completing wood flooring installation, trim the isolation material installed below the surface of the finished wood flooring elevation.

**Note: Never attach SRP perimeter isolation board with any mechanical fasteners such as nails, screws, or staples.**

### Installation of IsoLayment Noise Control Underlayment

- 4) DO NOT use IsoLayment to bridge spans or low areas in the subfloor.
- 5) Never mechanically fasten the isolation material with screws, nails, or staples as this will severely diminish the acoustical values of the underlayment.
- 6) Cut IsoLayment to length and lay loosely over the area to be treated. Do not overlay or leave gaps between sheets or at perimeter. Both ends of the roll must curl down towards the subfloor; if they curl up, turn IsoLayment over. Butt IsoLayment directly against the isolation material already installed.
- 7) Pull the loose-laid material back at least half the length of the cut piece. Using a 3/16"x5/32" v-notch trowel for IsoLayment greater than 6-mm thick, or a 1/8"x1/8"x1/8" square notch trowel for 6-mm thick IsoLayment or thinner, apply the preferred and approved DriTac adhesive to the subfloor.
  - a. For DriTac 6200 and DriTac Eco-6200GR, allow the adhesive to flash for 30-40 minutes prior to placing IsoLayment into adhesive.
  - b. For DriTac 9100 Contractors Choice, DriTac 9200 FasTac, Easy Spread DriTac 7400, DriTac 7500 Eco-Urethane, or DriTac 7600
    - i. The adhesive should be laid into immediately.
    - ii. After placing IsoLayment into DriTac 9100 Contractors Choice, DriTac 9200 FasTac, Easy Spread DriTac 7400, DriTac 7500 Eco-Urethane, or DriTac 7600, roll both ways with a 100-lb. roller.

c. Repeat the installation for the other half of the cut piece, insuring all joints are butted together tightly. Taping seams and joints is not required.

- 8) **IMPORTANT:** Keep traffic on IsoLayment to an absolute minimum.
- 9) Allow adhesive to set at least 18-hours prior to proceeding to wood floor installation.

**Note: Never attach IsoLayment with any mechanical fasteners such as nails, screws, or staples.**

### **Finished Flooring, Sealing, and Molding**

- 10) Refer to DriTac 6200, DriTac Eco-6200GR, DriTac 9100 Contractors Choice, DriTac 9200 FasTac, Easy Spread DriTac 7400, DriTac 7500 Eco-Urethane, or DriTac 7600 Adhesive data sheets for full wood flooring installation instructions. These can be obtained at [www.DriTac.com](http://www.DriTac.com), or by calling (800) 394-9310.
- 11) Install finish flooring directly onto IsoLayment. Follow industry and finished wood flooring manufacturer's recommendations for subfloor moisture content, design, layout, and application of wood flooring materials.
- 12) **DO NOT** install finish flooring over Kinetics SRP perimeter isolation material. **DO NOT** bridge gap at perimeter or floor protrusions.
- 13) Trim Kinetics SRP perimeter isolation material (or optional perimeter isolation material) as required to 1/4-inch below top of finished floor system elevation.
- 14) Seal the perimeter with a permanently resilient acoustical or elastomeric sealant.
- 15) Install molding around perimeter of floor while maintaining a 1/8-inch gap between the molding and the finished floor.

### **Disclaimer**

*These application notes represent generally accepted procedures for successful installation of Kinetics Noise Control IsoLayment noise control underlayment. These suggestions may be followed, modified, or rejected by the owner, engineer, contractor, and/or their respective representative(s) since they, not Kinetics Noise Control, are responsible for planning and executing procedures appropriate to a specific application. Kinetics Noise Control reserves the right to alter these suggestions and encourages contact with the factory or its representatives to review any possible modification to these application notes prior to commencing installation.*