

## NOISE CONTROL UNDERLAYMENT ISOLAYMENT BR for NAIL-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.
- 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:** Follow finish flooring manufacturer's guidelines for allowable concrete moisture content.
- **Wood subfloor** shall be free of weak spots, squeaks, protruding nails, screws, staples, and be clean and dry.
  - **NOTE:** Follow finish flooring manufacturer's guidelines for allowable moisture content.
- If a waterproof membrane is required, install per manufacturer's instructions.

### 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.

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

### IsoLayment

- 4) Lay IsoLayment over designated area, **do not use adhesive**, do not overlay or leave gaps between the sheets or at perimeter.
- 5) DO NOT use IsoLayment to bridge spans or low areas in the subfloor.
- 6) Taping seams and joints is not required. Tape may be used as needed to secure sections in place and to maintain tight seams.
- 7) Keep all traffic on IsoLayment to an absolute minimum.

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

## **Plywood and OSB (Oriented Strand Board)**

**Note: Do not adhere or fasten the plywood to the IsoLayment.**

- 8) Lay down first layer of 1/2-inch (minimum) thick plywood or OSB with joints staggered in relationship to IsoLayment joints.
- 9) Glue may be troweled across the top of the first layer of plywood or OSB. In lieu of glue, building felt may be used.
- 10) Lay down second layer of 1/2-inch (minimum) thick plywood or OSB layer oriented 90 degrees and with joints staggered at least 12-inches in relationship to first plywood layer.

**Note: Finished flooring manufacturers often require minimum 1/8-inch gap between sheets of plywood or OSB and at floor protrusions to allow for expansion. Follow finished flooring manufacturer's instructions and install accordingly.**

- 11) Secure plywood or OSB layers together with 7/8-inch long screws or staples spaced within 3-inches of the edges and spaced no greater than 8-inches in the field. **Note: Do not nail, screw, and/or staple into the IsoLayment. Maximum length of fastener to be 1/8-inch shorter than total thickness of wood used in composite.**

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

- 12) Install finish flooring according to manufacturer's directions. **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 as required to 1/4-inch below top of floor system.
- 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.*