KINETICS Noise Control

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ROLL-OUT ISOLATION MATERIAL / FIBERGLASS ISOLATOR

MODEL RIM / KIP

INSTALLATION GUIDELINES FOR WOOD FLOOR

Preparation

- Subfloor shall be clean, flat, and level.
- Ensure a strong, rigid subfloor with deflection not exceeding 1/360 of the span, including live and dead loads.
- Max. variation in the slab height shall be ¼-inch in 10-feet and 1/8-inch in 4 feet from the required plane.
- Slope of subfloor shall not exceed ¼-inch per foot unless specifically addressed in the submittal documents.
- Fill cracks and remove residue.
- If a waterproof membrane is installed on structural floor, it shall be load bearing.
- Concrete subfloor shall be troweled smooth, free from spills/voids, and be clean and dry.
- Wood subfloors shall be free of weak spots, squeaks, protruding nails, screws, staples, and be clean and dry.

Kinetics Noise Control Model SRP Perimeter Isolation

1. Cut Kinetics Model SRP isolation material to a width equal to ¼-inch less than planned floor system height.
2. Apply adhesive, e.g., Camie 363 High Strength Fast Tack Spray Adhesive, Liquid Nails, following manufactures directions, to one side of Kinetics Model SRP perimeter isolation material (alternatively double sided tape may be used).
3. Firmly adhere it to any wall or vertical position (including door frames) surrounding the perimeter of the Model RIM/KIP installation area.
4. Adhere Kinetics Model SRP to any protrusions through the floor system including floor drains, columns, pipes, conduit, etc following steps 1-3.

Note: Never attach the perimeter isolation board with nails, screws, or staples.

Option A) Model KIP pad installation

5A. Locate isolation pads per submittal drawing. Pad spacing will vary depending on load requirements. It is recommended to snap chalk lines to align pads. There shall be no more than 4” between the perimeter and the first row of pads.

6A. (OPTIONAL) Apply a dab of construction adhesive to bottom of pad before setting on the floor.

Note: Top of pad is clearly stamped and must be oriented with “Top” side up to perform properly. No adhesive required on top of isolator pad.

Option B) Model RIM installation

5B. Roll out the Model RIM material onto the subfloor. Along the perimeter cut or tuck the fiberglass batt so that there is no more than 4" from the perimeter of the installation area and first row of pads.

6B. Maintain equal spacing between pads from one roll of material to the next as there is between pads on the same roll. (i.e. 12", 16", 24"….)

7B. If needed, install a row of pads to maintain maximum spacing of pads from penetrations

a. Cut away low density fiber glass
b. Install pads as described in option A.

8B. If indicated on submittal drawings, install "High Load" pads.

c. Locate "High Load" pad location
d. Cut away low density fiber glass
e. Install pads as described in option A.

9. Select the proper plywood using chart below. Lay the first layer of plywood on top of pads, butting up to but not compressing against the perimeter isolation board. Stagger joints between rows by 4 feet.

RIM/KIP Spacing	Carpet or (5/8" min) Hardwood	All Other Finishes
12" Pad Spacing	(2) Layers of APA Rated Span 32/16, 1/2" Thick, EXP-1, Fir 4-ply plywood	(2) Layers of APA Rated Span 48/24, 3/4" Thick, EXP-1, Fir 4-ply plywood
16" Pad Spacing	(2) Layers of APA Rated Span 32/16, 1/2" Thick, EXP-1, Fir 4-ply plywood	(2) Layers of APA Rated Span 48/24, 3/4" Thick, EXP-1, Fir 4-ply plywood
24" Pad Spacing	(2) Layers of APA Rated Span 48/24, 3/4" Thick, EXP-1, Fir 4-ply plywood	Not Suggested

10. Prior to installing the second layer of plywood, it is suggested to use a trowel to apply liquid wood glue to the entire top face of the first layer of plywood, following the glue instructions for proper setup time, drying time, etc. Alternative methods acceptable to the finished flooring manufacturer may be used in lieu of suggested procedure.

11. Lay second layer of plywood on top of first layer of plywood at a 90º relation, staggering and overlapping joints a minimum of 24 inches top to bottom.

Note: Spacing of the top layer of plywood, edge to edge, should be determined by the finish flooring manufacturer. Example: Hardwood floor companies often recommend a 1/8" space between plywood sheets (top layer).

12. Using 1-1/4" screws for 3/4" plywood and 1" for1/2" plywood, space approximately 6" on center along the outside of the plywood as well as any penetrations, and a maximum 8" on center each way in the center of the plywood Start the row of screws no more than 3" away from the edge of the second layer of plywood.

13. Install finish flooring per recommendations of the flooring manufacturer.