

**KINETICS ROLLOUT ISOLATION MAT – MODEL RIM
FLOATING WOOD FLOOR
SECTION 13080**

SPECIFICATIONS

PART 1 GENERAL

1.01 WORK INCLUDED

- A. Furnish all labor, materials, tools and equipment, and perform all operations necessary for the complete installation of the Floating Wood Floor System shown on contract drawings or indicated in the contract documents.

1.02 RELATED WORK Shall include but not be limited to:

- A. Flooring
- B. Waterproofing

1.03 SYSTEM DESCRIPTION

- A. The Floating Floor System shall consist of isolation pads bonded to low density sound absorption acoustical material in roll form and perimeter isolation. The floated wood floor shall be constructed as detailed in the contract drawings and shall incorporate a minimum of two (2) layers $\frac{3}{4}$ " plywood.

1.04 QUALITY ASSURANCE

- A. Floating floor materials shall be designed and fabricated at the facilities of a nationally recognized manufacturer having a minimum of ten years' experience in furnishing similar systems.

PART 2 PRODUCTS

2.01 MATERIALS

- A. The floating floor system shall be Model RIM by Kinetics Noise Control, Inc., Dublin, Ohio. Represented by KPA Architectural Products in New England – Contact Keith Peterson (508) 591-7500. Model RIM Floating Floor System shall consist of high density molded fiberglass pads individually coated with a flexible elastomeric membrane. Isolation pads shall be 2" thick and be spaced as recommended by the manufacturer but not greater than 16" centerline spacing. Pads shall be manufactured from annealed glass fibers stabilized by precompression during manufacture. Pads shall be designed to safely withstand a minimum imposed load of 75 PSF in all open areas and shall have a minimum overload capacity of 100% in all high load areas.
Pads shall have satisfactorily passed WMATA Section 3.49 dynamic test for isolator permanence.
- B. 1-1/2" thick low-density fiberglass absorption material shall be bonded to the isolation pads and shall cover a minimum of 95% of the area between the isolation pads.
- C. Perimeter isolation shall be 3/8" thick Model SRP resilient material as recommended by the manufacturer.

2.02 PERFORMANCE TESTING

- A. The isolation system shall have been tested for acoustical performance by an independent testing laboratory and the rating shall meet or exceed STC 66 and IIC 63 as tested over a 6" thick concrete structural slab.
- B. Contractor shall submit copies of certified acoustical test reports verifying performance criteria specified for the floating wood floor isolation system.

PART 3 EXECUTION

3.01 INSTALLATION

- A. The installation of all sound isolation materials specified herein, including those installed under other sections of the specifications, shall be in accordance with procedures submitted by the isolation material manufacturer, and approved by the Architect. Contractor is responsible for supplying all loads supported by the RIM system and related documents for coordination, so that shop drawings can be performed by the manufacturer or it's representative for proper layout and isolator selection. Architect approved shop drawings required prior to installation.
- B. All sound isolation materials and building components supported by isolation materials shall be free from rigid contact with any part of the building structure.