

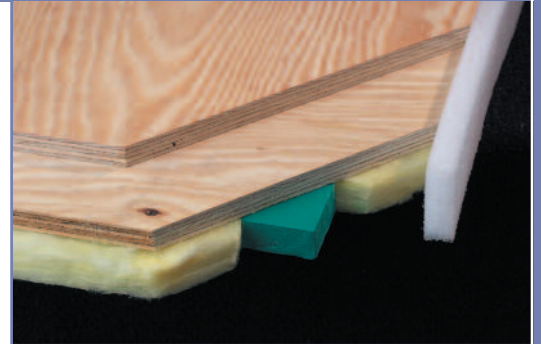
## Kinetics RIM (Roll-out Isolation Material) System – Wood

### Product Description

Kinetics RIM-W is designed for all applications where high performance noise control is required and the structure cannot support the weight of an isolated concrete slab. A Model RIM System floated wooden floor surpasses performance of continuous underlayments due to the airspace and lower natural frequency created by the Model KIP pads spaced at 12, 16 or 24 inches on centre.

Moreover, the natural frequency remains relatively constant over a wide range of loads, which is common in wood built constructions (ie. a piano in a music studio).

Kinetics RIM-W easily creates an airspace of 1 to 4 inches and is designed to meet requirements for; load capacity, natural frequency/pad deflection and acoustic performance.



### Benefits

- STC 66/IIC 63 Tests A15-a
- Can be designed for any load range
- Easy to create 1", 2", 3" and 4" airspaces
- Fast, simple, inexpensive installation
- Natural frequency constant over a wide load range
- Optional channels or nailers can be used for stiffness and increased airspace

### Applications

- Dance studios
- Loft style condominiums
- Recording studios

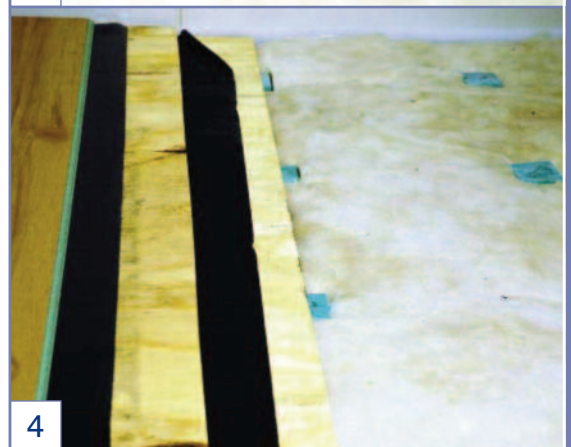
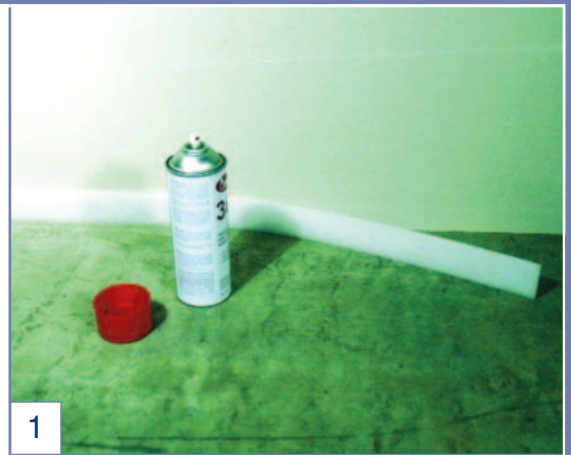
## Installation

Installation of the RIM-W System is quick and easy.

1. Starting with a level subfloor, a 3/8" thick strip of Model SRP (perimeter isolation board) is adhered to all non-isolated walls (the height of Model SRP is dictated by the height of the finished floor).
2. The fibreglass batting and KIP pads are laid in place.
3. Typically two layers of 3/4" plywood are laid (seams staggered) over the isolation pads, and the finished floor is installed according to manufacturer's instructions.
4. Where extra noise control is required, layers of gypsum board can be sandwiched between the two layers of 3/4" plywood.
5. The installation is completed by applying acoustical caulking to the top of the Model SRP board.

## Installation Sequence

1. Place Perimeter Board (Model SRP)
2. Roll-out Model RIM and cut as needed
3. Build up isolated subfloor
4. Apply floor finish as per manufacturer's instructions



### Northern Office:

Unit 4b Eagle Park, Eagle Park Drive  
Warrington. WA2 8JA  
t: 01925 582899 f: 01925 582898

### Southern Office:

Unit 9 Enterprise Way  
Wickford. SS11 8DH  
t: 01268 568763 f: 01268 568764

info@cmsantivibration.co.uk  
www.cmsantivibration.co.uk

**CMS** VIBRATION  
SOLUTIONS

# Acoustic Performance

1" Oak Hardwood Floor  
3" Subfloor

**LOFT**

**FIIC 15**



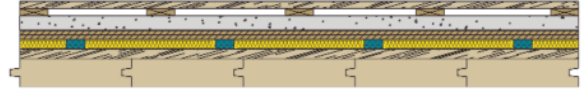
Kinetics Test Number A14-a

3/4" Oak Hardwood Floor  
3/4" Sleepers  
1-1/2" Gypcrete  
2 Layers 1/2" OSB  
**1" Kinetics® RIM L-1-16**  
1" Oak Hardwood Floor  
3" Subfloor

**LOFT  
W/ 1" RIM**

**FSTC 50**

**FIIC 45**

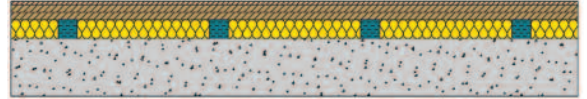


Kinetics Test Number A14-b

3/8" Plywood  
2 Layers 3/4" Plywood  
**Kinetics® RIM I-2-16**  
6" Concrete Slab

**STC 66**

**IIC 63**

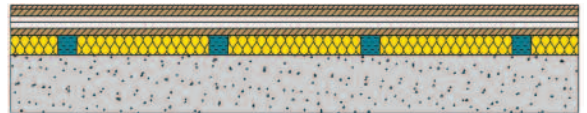


Kinetics Test Number A15-a

3/8" Plywood  
3/4" Plywood  
2 Layers 5/8" Drywall  
3/4" Plywood  
**Kinetics® RIM I-2-16**  
6" Concrete Slab

**STC 71**

**IIC 64**



Kinetics Test Number A15-b

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