

SECTION 13 48 13
Manufactured Sound and Vibration Control Components

PART 1 GENERAL:

1.01 SUMMARY

- A. Kinetics Noise Control, Inc. (Kinetics) Stud Wall Isolation Pad is a custom-molded, low-density fiber glass board. Installed under base wherever isolated partitions shall be constructed, KSM, shall decouple partitions to reduce flanking of noise at the base and top plates as shown in contract drawings and/or indicated in contract documents.
- B. Related work shall include but not be limited to:
 - 1.) Structural Metal Framing: Section 05 10 00.
 - 2.) Non-Structural Metal Framing: Section 09 22 16.13.

1.02 SUBMITTALS:

- A. Kinetics product technical data sheet.
- B. Details, installation guidelines, and related information as required for project.

PART 2 PRODUCTS:

2.01 MATERIALS:

- A. Kinetics KSM:
 - 1.) Manufacturer: Kinetics Noise Control, Inc., Dublin, OH.
 - 2.) WEBSITE: www.kineticsnoise.com. Visit Noise Control Building Materials.
 - 3.) Represented by KPA Architectural Products in New England – Contact Keith Peterson (508) 591-7500
 - 4.) KSM shall be 1-inch (25-mm) thick and deflect under loads in a controlled and repeatable manner. **Note to Specifier:** *KSM is available in different sizes, capacities and spacing. Contact factory for proper selection and spacing based on project requirements.*
 - 5.) Anchor spacer, anchor isolation grommet and fender washer shall be included and installed to maintain partition isolation.

PART 3 EXECUTION:

3.01 INSTALLATION:

- A. Installation of sound isolation materials specified herein shall be accomplished following Kinetics's and/or the Design Team's written instructions. Installation instructions shall be submitted to the Design Team for approval prior to beginning of work.
- B. KSM shall not be installed in wet conditions or wherever exposed to moisture. Area shall be flat and smooth, and then clean and free of debris.
- C. The installing contractor shall carefully examine conditions at the job site before commencing specified work. Any surfaces not properly prepared to receive work of this section shall be reported to the Design Team's representative and work shall not commence until conditions are satisfactory.
- D. Install KSM along base where identified per construction document plans, and details. KSM is positioned to decouple the base and top plates from the non-isolated structure.
- E. Frame partition per standard construction practices and building code requirements. Allow for the 1-inch (25-mm) thickness, of KSM during construction of partition.
- F. Drill 1-inch (25-mm) diameter hole through stud plate to seat spacer and neoprene element. Position fender washer atop bushing.
- G. Install proper 3/8" (10-mm) diameter anchor for substrate and/or building code through carbon steel spacer and tighten against fender washer/spacer to secure base and/or top plate(s) into position.

END OF SECTION