

SECTION 13 48 13
Manufactured Sound and Vibration Control Components

PART 1 GENERAL:

1.01 SUMMARY

- A. Kinetics Noise Control, Inc. (Kinetics) PC-10 Masonry Wall Isolation Strip is a custom-molded and coated fiber glass board with galvanized steel channel. Installed continuously wherever isolated partitions are constructed, PC-10 shall decouple partitions to reduce flanking of noise at the base of CMU walls as shown in contract drawings and/or indicated in contract documents.
- B. Related work shall include but not be limited to:
 - 1.) Concrete Unit Masonry: Section 04 22 00.

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 PC-10:
 - 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.) PC-10-10 is 9/16-inch (14-mm) thick and designed to carry continuous loads up to 15-psi (10-N/cm²) without excessive creep or pad failure. **Note to Specifier:** *Higher capacity bearing strips are available, contact factory for more information.*

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. PC-10 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 PC-10 continuously along base of CMU wall where identified per construction document plans, and details. PC-10 is positioned to decouple the CMU wall from the non-isolated structure.
- E. Frame partition per standard construction practices and building code requirements. Allow for the 9/16-inch (14-mm) thickness for PC-10 during construction of CMU wall.
- F. Neoprene or rubber tubing shall be placed around any reinforcement attached to non-isolated structure. **Note to Specifier:** *Isolation must be maintained between isolated CMU wall and non-isolated structure. Contact factory for more information and construction details.*

END OF SECTION