

SECTION 13 48 13
Manufactured Sound and Vibration Control Components

PART 1 GENERAL:

1.01 SUMMARY

- A. Kinetics Noise Control, Inc. (Kinetics) IPRB-48 Resilient Partition Isolation Brace is a steel and resilient pad brace.. Installed continuously on both sides of the top of wall wherever isolated partitions shall be constructed, IPRB-48, with anchors properly installed, shall decouple and support partitions to reduce flanking of noise at the top plate 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.
 - 3.) Wood Framing: Section 06 11 00.

1.02 SUBMITTALS:

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

1.03 QUALITY ASSURANCE

Kinetics IPRB-48 shall be fabricated by Kinetics Noise Control, Inc., Dublin, Ohio. No substitutions accepted.

PART 2 PRODUCTS:

2.01 MATERIALS:

- A. Kinetics IPRB-48:
 - 1.) Manufacturer: Kinetics Noise Control, Inc., Dublin, OH.
 - 2.) WEBSITE: www.kineticsnoise.com. Visit the "Walls" portion of Noise Control Building Materials.
 - 3.) Represented by KPA Architectural Products in New England – Contact Keith Peterson (508) 591-7500
 - 4.) IPRB is designed to resist up to a fifty-five (55) pound per foot lateral load. **Note to Specifier:** Higher capacity wall isolation systems can be designed, contact Kinetics before applying to design for assistance.

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. Iprb-48 shall attach to flat, smooth surface, and gaps at decking filled with resilient material, e.g. sponge foam, fiberglass batt, mineral wool.
- 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 IPRB-48 continuously outside of partition where identified per construction document plans, and details. Top of partition with drywall shall not make direct contact with the deck above.
- E. Frame partition per standard construction practices and building code requirements.
- F. Install proper anchor for substrate and/or building code using the mounting holes provided.

END OF SECTION