

**SECTION 13 48 13**  
**Manufactured Sound and Vibration Control Components**

**PART 1 GENERAL:**

1.01 SUMMARY

- A. Kinetics Noise Control, Inc. (Kinetics) PSB-S consists of an assembly of steel and neoprene components and is held securely with two anchoring points on both the isolated and non-isolated structures. Kinetics PSB-S is used to resiliently decouple and support partitions 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 technical data sheet.
- B. Details, installation guidelines, and related information as required for project.

**PART 2 PRODUCTS:**

2.01 MATERIALS:

- A. Kinetics PSB-S:
  - 1.) Manufacturer: Kinetics Noise Control, Inc., Dublin, OH.
  - 2.) WEBSITE: [www.kineticsnoise.com](http://www.kineticsnoise.com). Visit Noise Control Building Materials.
  - 3.) Represented by KPA Architectural Products in New England – Contact Keith Peterson (508) 591-7500
  - 4.) Allowable Loads PSB-S 75:
    - a.) 75-lbs Total
  - 5.) Allowable Loads PSB-S 125:
    - a.) 125-lbs Total

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. 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.
- C. Install PSB-S where identified per construction document plans, and details. PSB-S is positioned to acoustically support an isolated partition from the non-isolated structure.
- D. Frame isolated partition per standard construction practices and building code requirements. Air space between isolated and non-isolated structures is adjustable from 3-3/8 inches (86-mm) and 4 inches (101-mm) **Note to Specifier:** *Referenced air space is based on 3-5/8" (92-mm) widths studs. Custom lengths available; contact factory for more information.*
- E. Attached base of PSB-S to non-isolated structure. Adjust the isolated stud attachment bracket along threaded rod until the proper airgap is reached and the bracket is in the center of the stud.
- F. Fasten the isolated stud attachment bracket to the studs of the isolated partition.

END OF SECTION