KINETICS
Noise Control

INSTALLATION INSTRUCTIONS

PC-10 PARTITION ISOLATION CHANNEL

1. PC-10 is most commonly used as an acoustic and vibration underlayment beneath vertical concrete block partitions. Consult the home office if PC-10 will be used to support load-bearing walls or if eccentric partition loading such as cantilevered weight or shelves will be used.

2. PC-10 is constructed of 7/16" thick neoprene-coated 10 PCF fiber glass bonded to a 16-gauge formed channel. It is normally provided in 48" lengths in widths sized to match the width of the wall material.

3. To install, mark the proposed wall location on the surface of the floor. Lay the PC-10 on the floor continuously end to end with the fiber glass side down (i.e., channel flanges pointing up). If desired, PC-10 can be glued to the floor with contact adhesive such as liquid nails. The entire partition must be supported on PC-10 channels. Do not bridge over to the structure or cracking and reduced acoustical performance could result.

4. Lay the first course of block on top of the PC-10 placing the block between the formed channel's flanges. Do not place a block joint directly above an end butt joint in the PC-10, but bridge across the PC-10 joints with a block.

5. Continue to construct the partition, ensuring that the PC-10 is not short-circuited by mortar or other construction materials.

6. To prevent swaying and to keep the partition plumb, Kinetics sway braces must be used.

7. Upon completion of the partition, check to make certain that the PC-10 fiber glass has not become bridged by construction debris or similar material.

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