

Wallmat

Stud Wall Isolation Strip



Isolate Top or Bottom of Stud Wall with Wallmat and Anchor Isolator (KAI)

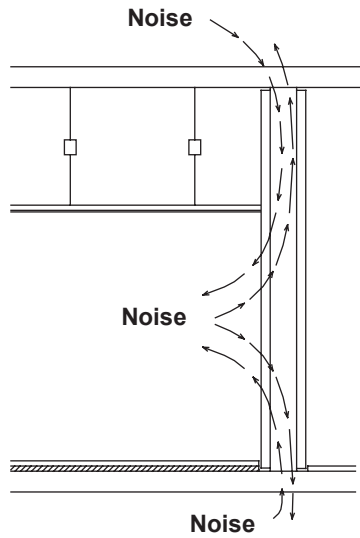
Application

Kinetics Noise Control's Wallmat resilient partition isolation pad offers designers a quick and easy solution for resiliently decoupling a sound-rated partition from non-isolated structure. Flanking of sound through a floor/ceiling assembly can reduce STC (airborne noise) or IIC (impact noise) ratings 10 points or more versus non-flanked sound control construction. Frequently used in conjunction with other Kinetics sound isolation products, Wallmat creates a resilient break to stop sound or vibration from flanking around a sound rated assembly. Neoprene bushing assemblies (KAI) used at each anchor point through the top and bottom plates of the stud wall ensure effective isolation. Apply Wallmat continuously along the bottom and top plates of a stud wall wherever acoustical isolation is required to maintain a fully effective sound rated assembly. For isolating masonry walls, see our higher load capacity NAFF-10.

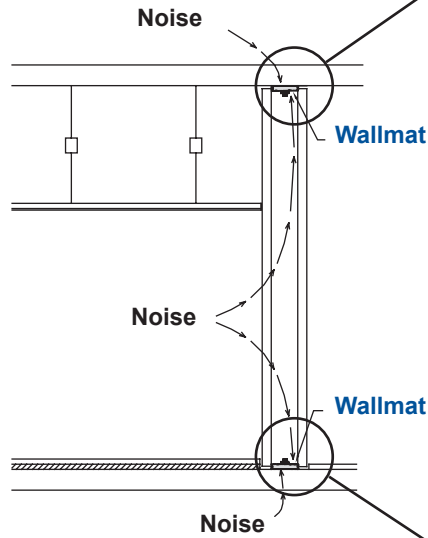
Features

- Easy to install pre-cut strips
- Field cut to length with a utility knife
- Continuous resilient support of the partition
- Engineered for a wide range of studwall loads
- Use Model KAI isolation bushing assemblies for 100% resilient separation
- Use for both top and bottom plate installation
- Use Wallmat and the KAI bushing in UL system no. HW-D-0031, single steel stud, and system no. HW-D-0447 double steel stud, for sound control in dynamic head-of-wall joint systems.

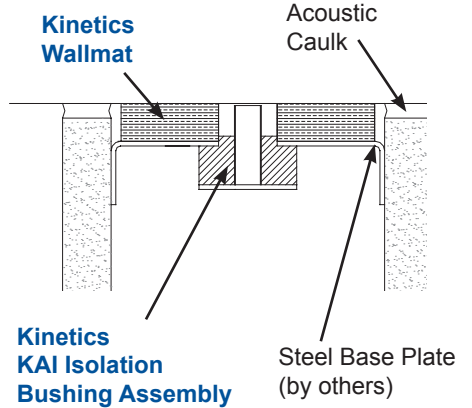
Without **Wallmat** Noise Flanks Around the Isolated Ceiling and Floor



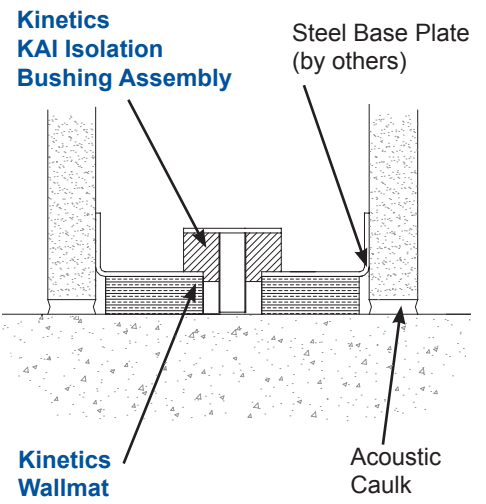
With **Wallmat** the Flanking is Controlled



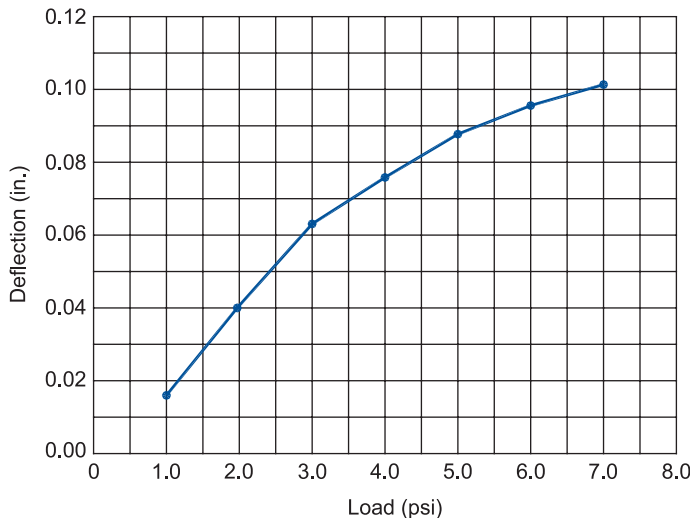
Top of Wall Isolation



Base of Wall Isolation



**Graph of Load vs. Deflection
Wallmat Isolation Material**



Wallmat isolation mat is 1/2" thick,
Kinetics Type G density load bearing fiberglass



kineticsnoise.com
sales@kineticsnoise.com
1-800-959-1229