Unibrace-L and PSB

Isolated Wall Braces for Double Wall Assemblies

- Add structural integrity to isolated partition
- Ensure quiet space performs as designed
- Prevent wall buckling during seismic event

Sometimes overlooked in otherwise proper acoustic design, isolated wall braces play an important role in maintaining quiet spaces. Often used in conjunction with other noise control materials on the top and/or bottom of an isolated partition, these supports provide bracing for an isolated double- stud or masonry wall without creating a transmission path for noise and vibration.

Isolated wall braces should be employed whenever a secondary wall is used for improved sound control and rigid bracing will cause unwanted noise transfer. It is important to note that these devices do not add to the STC (Sound Transmission Class) rating of a partition, instead they provide structural stability without sacrificing acoustic performance.
Wallmat Top and Bottom Wall Isolation

- Continuous resilient support of the partition
- Use KAI isolation bushing assemblies for 100% resilient separation
- Use for both top and bottom plate installation

Unibrace-L — Maximize Occupied Space

Below: Stud Layout with Unibrace-L

DIMENSION FORMAT: IN (mm)
KSM Bottom Wall Isolation

- Can be used in potentially wet areas
- 16" typical spacing

PSB-S Large Airspace and Stud Wall Support

Below: Steel or Wood Stud Layout with PSB-S
PSB-M — Large Airspace and Masonry Wall Support

Below: Masonry Layout with PSB-M

**IPRB**
- Flexible Design- works for masonry or studwalls.
- Easy to Install
- Can be “reversed” for tight spaces

**PC-10**
- Easy to install pre-cut strips
- Continuous resilient support of the partition
- Engineered for a wide range of masonry loads
- Steel channel guides CMU installation

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