

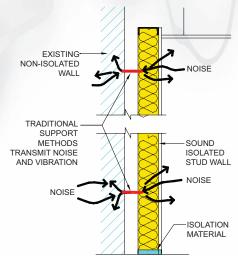
Isolated Wall Braces for Double Wall Assemblies

Unibrace-L and PSB

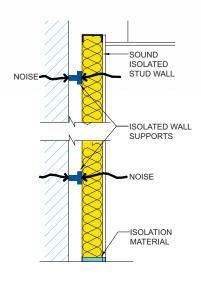
- Add structural integrity to isolated partition
- Ensure quiet space performs as designed
- · Prevent wall buckling during seismic event

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.



"THE PROBLEM"

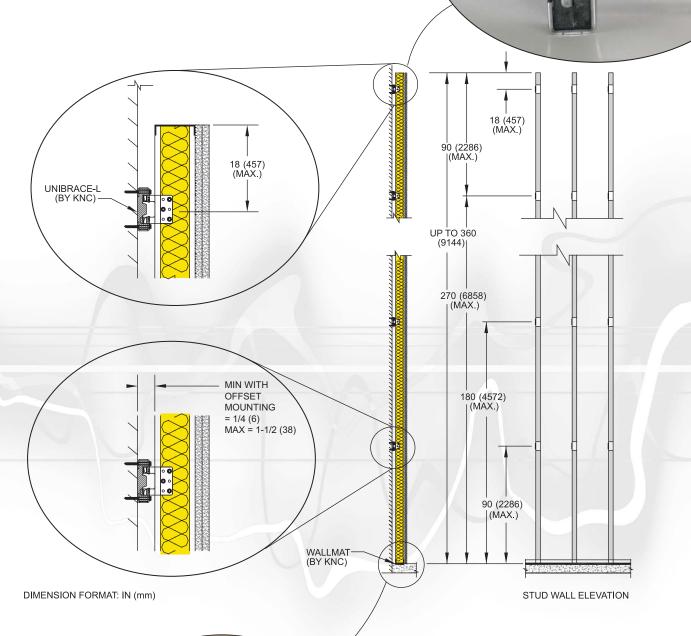


"THE SOLUTION"



Unibrace-L — Maximize Occupied Space

Below: Stud Layout with Unibrace-L



Wallmat Top and Bottom Wall Isolation

IsoMax UniBrace L

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

PSB-S Large Airspace and Stud Wall Support Below: Steel or Wood Stud Layout with PSB-S ONLY ONE ROW OF ANCHORS REQUIRED ON WALLS UP TO 198 (5029) TALL 18 (457) (MAX.) 18 (457) (MAX.) PSB-S-125-SWAY BRACE (BY KNC) VARIES UP TO 360 (9144) ** 13-3/4 (349) MAX. AVAILABLE * 4-1/8 _ (105) MIN. 144 (3658) (MAX.) FASTENERS —/ AS REQUIRED * MINIMUM AIR SPACE WITH STANDARD BOLT (SHORTER BOLT ADJUST AS REQUIRED AVAILABLE) ** ORDER OPTIONAL LONG BOLT FOR MAXIMUM AIR SPACE KSM — (BY KNC) (92)DIMENSION FORMAT: IN (mm) **KSM Bottom Wall Isolation** · Can be used in potentially wet areas · 16" typical spacing

PSB-M — Large Airspace and **Masonry Wall Support** Below: Masonry Layout with PSB-M IPRB-48 WALL BRACE, IPRB-48 ISOLATED CONTINOUS (BY KNC) WALL BRACE (BY KNC) **BOTTOM OF** STRUCTURAL DECK ABOVE 48 (1219) (MAX.) IPRB-48 ISOLATED WALL BRACE 1-5/8 x 48 LONG (e) **-**⊚ (41 x 1219) (BY KNC) PSB-SWAY BRACE (BY KNC) 8 CMU **BLOCK WALL** (1219)FASTENERS BY OTHERS WIRF TIF RUBBER 48 SLEEVE (1219)RUBBER SLEEVE REQUIRED DOWEL PER ACI 530.1-05 CMU BLOCK WALL & 530-05 (HEIGHT & SPACING BY HEIGHT PC-10 & SPACING BY OTHERS 1-1/2 x 48 (38 x 1219) ¹ 48 (1219) OTHERS) PC-10 ISOLATION UNDERLAYMENT WITH CHANNEL (BY KNC) PC-10 ISOLATION REQUIRED DOWEL UNDERLAYMENT WITH PER ACI 530.1-05 & ACI 530-05 CHANNEL (BY KNC) DIMENSION FORMAT: IN (mm)

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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