

## PS3-4

### Absorption Panel 4"

**Absorption panels** are used to create sound absorbing surfaces using existing concrete or metal walls to reduce reflective sound energy. They also serve to enhance the transmission loss of walls. Ideal for both commercial and industrial applications with new and retrofit applications.

They are single skin panels with acoustic media within and can be attached to existing walls. The acoustic media then gets sandwiched between the panel skin and the wall.

### Performance

- > Construction: 4" thick, 22 ga outside sheet

### Advantages

- > Panels are self-aligning and interlocking
- > Easily installed in minimum of time
- > Excellent installed appearance
- > Ideal for long length (strong and low cost)

### Applications

- > Around noisy equipment
- > Rooms and booths
- > Air handling units and plenums
- > Testing facilities

### Construction

- > Single skin construction with flanges to attach to walls
- > Shipped with backstraps-Backing skin available
- > Formed outer skin
- > No backing skin
- > Pre-drilled mounting holes (optional)
- > Maximum 10 ga galvanized or stainless steel
- > Maximum length of 144"
- > Thermal/Acoustical material behind outer perforated outside skin
- > Internal stiffening of panel

### Options

- > Various panel sizes and thickness
- > Alternate materials
- > Insulation covering – Mylar, Tedlar, Fiberglass cloth

Octave Band	63	125	250	500	1000	2000	4000	8000
Transmission Loss	-	-	-	-	-	-	-	-
Absorption	-	0.7	0.9	0.99	0.99	0.9	0.8	-

