

PS3-2

Absorption Panel 2"

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: 2" thick, 22 ga outside sheet

Advantages

- > Can be used with existing walls
- > Easy to install. Attached to walls using self tapping screws (metal walls) or star-pin screws (for concrete).

Applications

- > Lining walls of mechanical rooms, generator and turbine halls, generator intake and exhaust shafts and parking garage shafts.
- > Lining of walls adjacent to noisy equipment to avoid reflection.

Construction

- > Single skin construction with flanges to attach to walls
- > Shipped with backstraps-Backing skin available
- > Formed outer skin
- > Pre-drilled mounting holes
- > 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	125	250	500	1000	2000	4000
Acoustic Absorption Co efficient	0.3	0.7	0.9	0.99	0.9	0.8

