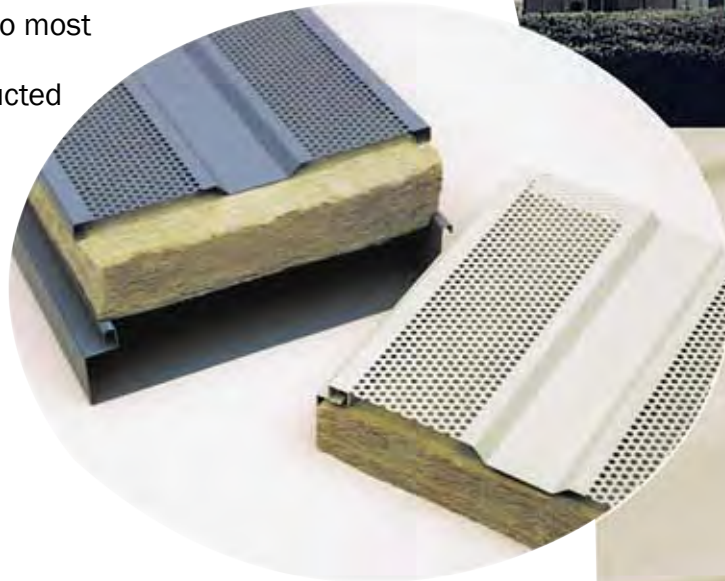




## Modular Acoustical Panels (sound barrier panels)

manufactured by Innovative Metal Industries, provide a cost-effective solution to most airborne noise problems. Constructed of galvanized cold-formed steel, these panels have a two-inch thick mineral rock wool sound absorption batting, installed between the perforated face and the solid back tray.



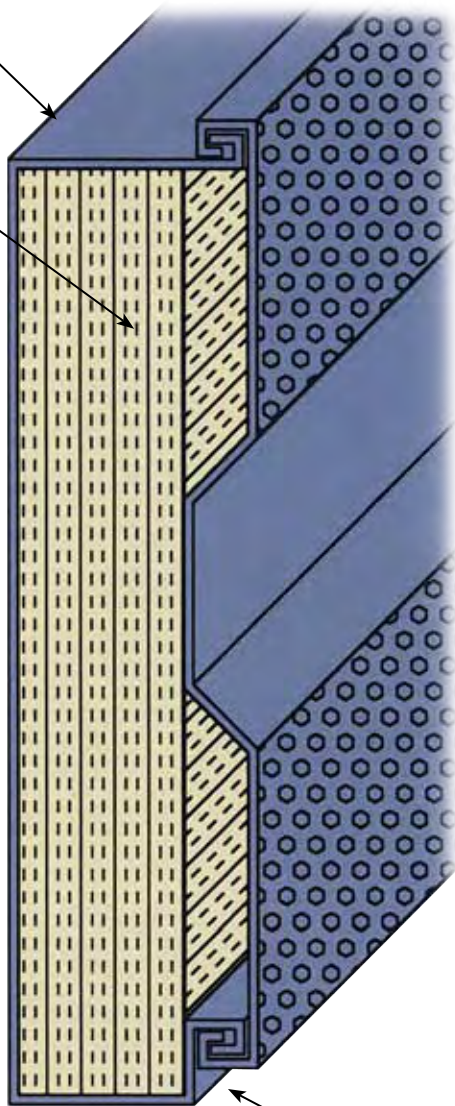
The value of using a panel that has sound absorption far outweighs the use of a standard fence or wall that is reflective.

## With Innovative Metal Industries Acoustical Modular Panels,

you have a combination of both sound absorption and barrier. Innovative Metal Industries' exclusive mineral rock wool sound absorption batting, backed by a solid barrier panel, eliminates sound penetration, while absorbing sound. The sound barrier panels have a noise reduction coefficient (NRC) of 1.0 minimum. The panels also have a sound transmission class (STC) of 26 or greater.



Panel back trays have a minimum thickness of 18 gauge with no perforation.



2" thick mineral rock wool sound absorption batting installed between the perforated face and the solid back tray with a minimum of six pounds per cubic foot density and conforms to federal specification HH-1558B and ASTM standards C612 and E136.

Panel face width 12", minimum face thickness of 20 gauge, 3/16" diameter perforations on a 19/64" staggered pattern.

Galvanized Steel



The galvanized cold-formed steel of Innovative Metal Industries Acoustical Panel's non-corrosive durability meets the tough standards of outdoor conditions. Innovative Metal Industries' exclusive absorption material will not slump when wet, is non hygroscopic, has a flame spread of five or less, no smoke developed and rated incombustible by ASTM standards E136.



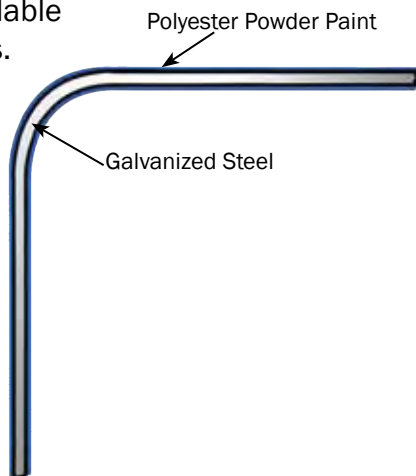
The Innovative Metal Industries Acoustical Panel is a completely removable assembly. The ten foot long sections allow for easy maintenance access to the enclosed equipment. Panels are designed to provide a positive inter-lock between panels, which eases installation while providing the necessary torturous path for the required absorption and transmission loss values.

Our Powder Coating option gives protection and long life to Innovative Metal Industries Acoustical Panels.

Powder Coating is the most durable coating available and is environmentally safe. Federal standard colors are available as well as custom colors.

**Innovative Metal**

**Industries** can match your company and/or architectural colors.



Polyester Powder Paint

Galvanized Steel



# Innovative Metal Industries Modular Acoustical Panels

are industrial rated, environmentally friendly and attractive looking. Stop Noise Pollution!  
Be a good neighbor and install Innovative Metal Industries Acoustical panels. Many municipal regulations restrict production hours based on sound requirements. Now you can increase production by running night crews, allowing complete plant utilization.

## APPLICATIONS:

Transportation/Residential/  
Industrial/Commercial/Utility/  
Military Noise Control

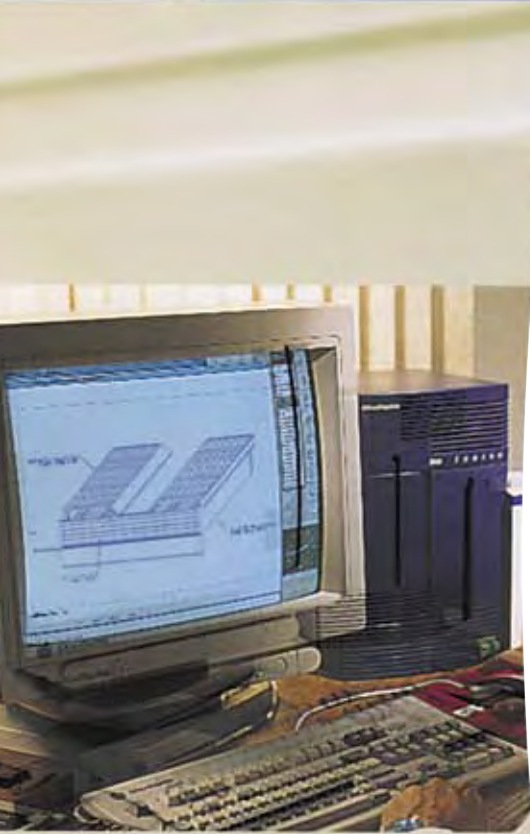
Innovative Metal Industries Acoustical Panels can be installed around anything that makes noise:

Transformer Enclosures/ Cooling Towers/Chillers/  
HVAC Units/Compressors/Machinery /Dyno Units.  
Variation of usage: Back of jet blast area/On top of  
freeway barrier/Around equipment/Rooftops.



## Innovative Metal Industries Modular Acoustical Panels

are installed horizontally and/or vertically between wall structural supports. The top face of the sound barrier wall is aligned to maintain a continuous appearance. Joints and connections are constructed in such a manner as to achieve maximum noise attenuation. One or two people without special tools or lifts can easily handle 12" x 120" panels. The galvanized wall structural supports are constructed of steel beams fully welded to one-inch thick base plates.

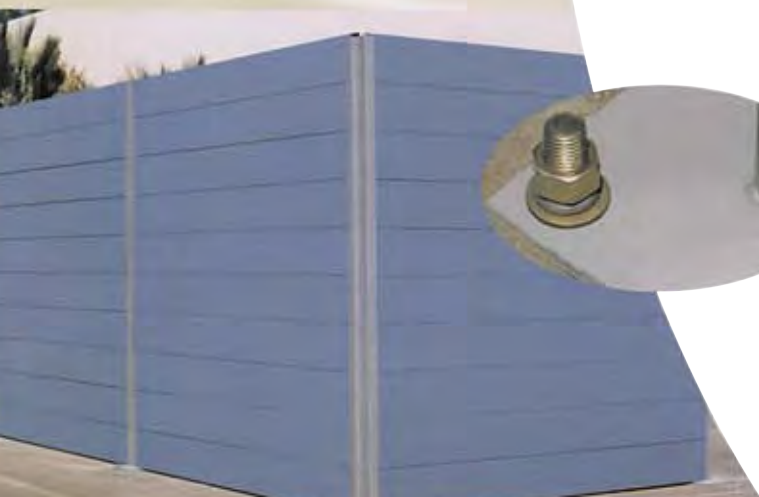


**Innovative Metal Industries** provides a total solution, from single point responsibility, to site development and planning, through our technical assistance department. Innovative Metal Industries encompasses every facet of project design specification and fabrication. In doing so, we provide the optimum performance in your installation.

Innovative Metal Industries Technical Assistants travel to your location and perform site and sound surveys.

### TECHNICAL ASSISTANCE:

- AutoCAD
- Design
- Sound Monitoring
- Structural engineering services available





**IMI**

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