INC Panl-Sorb® Metal Acoustical Panels combine maximum noise absorption and durability in an attractive, modular unit. Our functional flat perforated panels can be located anywhere on walls and ceilings to instantly reduce noise levels and control reverberation … solving the problems that make communication and concentration difficult in many environments.

Units are rugged enough for industrial environments, yet attractive enough for placement in commercial and institutional spaces like offices, auditoriums and gymnasiums making Panl-Sorb® one of the most versatile sound absorbers available. And with their high noise reduction characteristics, most problems can be solved with as little as 25-30% coverage of the reflective surfaces making Panl-Sorb® a very cost-effective solution to your noise prob-

Typical Applications
Panl-Sorb® Metal Acoustical Panels provide excellent acoustical and aesthetic enhancement to these typical spaces:

- Manufacturing Facilities
- Warehouses
- Distribution Centers
- Water Treatment Plants
- School Gymnasiums
- Swimming Pools
- Multi-Purpose Rooms
- Correctional Facilities
- Garages
- Firing Ranges
- Subway Stations & Transit Facilities
- Recording Studios
- Power Plants
- Theaters, Auditoriums, Convention Halls
- Test Cells
- Clean Rooms
... and many others
Panl-Sorb® Metal Faced Acoustical Panels

SUITABLE FOR A VARIETY OF APPLICATIONS

Our high performance Acoustical Panels are fabricated from tough perforated steel and are ideally suited for reducing noise levels in harsh environments, where the treatment may be subjected to high traffic and physical abuse or where a very consistent attractive appearance is desired.

Offered in a wide variety of colors and sizes with built in mounting brackets, Panl-Sorb® acoustical panels can be installed in rows or a variety of patterns that will best compliment your room’s interior design. Optional low-frequency and continuous coverage mounting systems are also available to provide a broad range of performance requirements.
Panl-Sorb® Metal Faced Acoustical Panels

Available in Lengths Up To 12’ Long with Flush or Stand-Off Mounting

Lower Reverberation Time, Reduce Echo & Lower Noise Levels!

Panel Performance Ratings up to NRC=1.05

Panl-Sorb® Construction Features

- Fully formed one-piece perforated metal panel shell is attractive and sturdy
- Standard panels fabricated of 22 gauge perforated steel
- Standard panels are 30” wide X up to 12’ long
- Standard panels fabricated of corrosion resistant electro-galvanized steel
- Available built-in flush mount brackets are 18 gauge steel
- Low frequency stand-off mounting brackets available
- High-Performance noise absorption characteristics to NRC 1.05
- Choice of sound absorbing fills and densities
- Several protective fill encapsulation options available
- Completely heat sealed fill encapsulation for use in Class 100 Clean Rooms
- ASTM E-84 Class I fire rating

Two Standard Styles … Industrial / Commercial

- Commercial version uses 3 LB density fiberglass board
- Industrial version uses 4 LB density mineral wool

Available Face Styles … Flat or V-Grooved Face

Finishes & Options

- Air dry enamel painting
- Epoxy and chemical cure coatings
- Outdoor graffiti resistant coatings
- Baked polyester powder coating available
- Heavy duty construction available up to 14 gauge steel
- Aluminum and stainless steel construction available
Acoustical Test Data

The following is a sampling of acoustical characteristics of our most popular Panl-Sorb® styles and mounting conditions. Certified test reports are available from an independent acoustical testing lab.

### Panl-Sorb® Metal Acoustical Panels - Acoustical Data

<table>
<thead>
<tr>
<th>Panl-Sorb® Style</th>
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<th>2000</th>
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</table>

**Acoustical data based on a 30" x 10" x 2" thick Panl-Sorb® tested in accordance with ASTM C423-02a and E795-00.**

- NR / NRC=Noise Reduction Coefficient
- PS-C (Panl-Sorb® Commercial Style)
- PS-I (Panl-Sorb® Industrial Style)
- PS-V (Panl-Sorb® V-Groove Style)
- FS (Encapsulated Acoustic Fill)

### Additional INC Product Information

If you are considering INC Panl-Sorb® Sound Absorbing Wall Panels you may also find these additional INC publications of interest:

- **√ INC Panl-Sorb® Detailed Construction Specifications** (Bulletin # 007-1002)
- **√ INC Sorba-Glas® Noise Absorbing Wall Blankets** (Bulletin # 010-1001)
- **√ INC Bafi-Sorb® Sound Absorbing Baffles** (Bulletin # 009-1001)
- **√ INC Fabri-Sorb® Decorative Fabric Acoustical Wall Panels** (Bulletin # 012-1001)