

# NHUR

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## Metal Panel



Built to Last  
Designed to Absorb

## Metal Panels

are sound-absorbing panels made from metal sheets with precision-drilled perforations. These panels combine robust durability with effective acoustic performance. The perforations in the metal allow sound waves to pass through an underlying acoustic material, such as mineral wool or fabric, where the sound energy is absorbed. This design effectively reduces noise levels, echo, and reverberation.



**Fire Resistant**  
Class A



**Design Versatile**  
Print, perforation pattern



**Durability & Strength**  
Impact Resistant & Strong

## INSTALLATION

**Walls:** wall-mounted

**Ceiling:** Ceiling-hung, or integrated into suspended ceiling systems.

Ensure correct spacing, perforation size, and open area percentage as it is crucial to achieve optimal noise reduction.

## APPLICATION

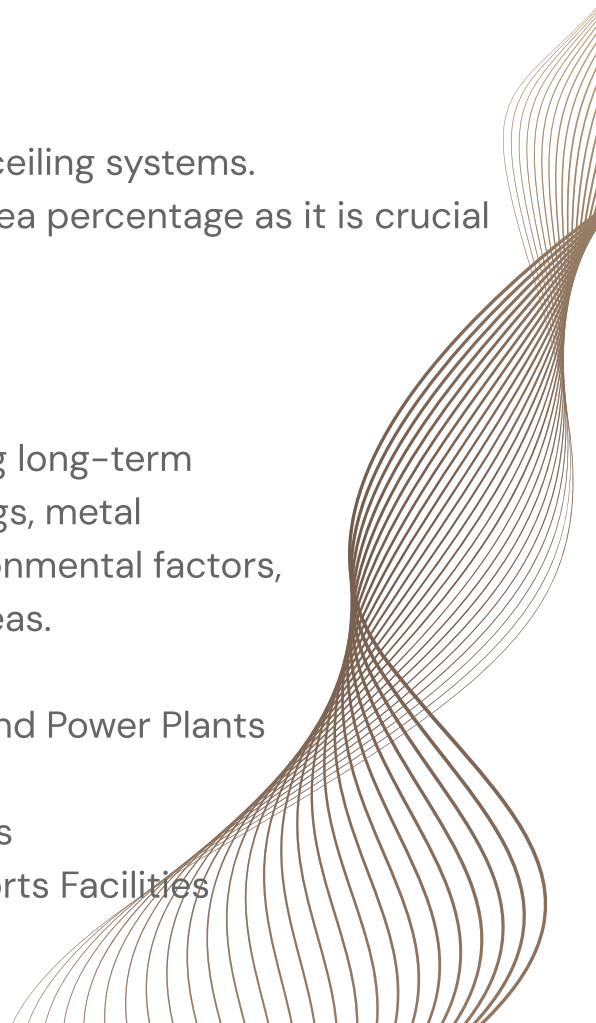
Metal panels are easy to clean and maintain, ensuring long-term performance with minimal effort. With proper coatings, metal perforated panels can withstand moisture and environmental factors, making them ideal for outdoor and high-humidity areas.

**Industrial Facilities:** Factories, Mechanical Rooms, And Power Plants

**Commercial Spaces:** Offices, Retail Spaces

**Public Buildings:** Airports, Train Stations, Auditoriums

**Outdoor Use:** Parking Garages, Building Facades, Sports Facilities



Composition: Metal | Color: Powder coated RAL

Dimensions : 2440\*1200mm / Cust | Fire resistance: ASTM E84 Class A, EN 13501-1 A2-s1,d0

Acoustic Co-efficient							
Thickness	Frequency						Avg.
	125Hz	250Hz	500Hz	1000Hz	2000Hz	4000Hz	NRC
50mm	0.45	0.55	0.7	0.85	0.95	0.9	0.75
80mm	0.6	0.65	0.80	0.85	0.9	0.95	0.8
100mm	0.65	0.7	0.85	0.9	1.0	1.0	0.85

## FEATURES



### Fire Resistance

A2 fire rating, no drop formation and Non-Toxic Smoke Emission when burning.



### Durability & Strength

Impact-Resistant & Strong – Long-lasting material with minimal maintenance.



### Aesthetic Versatility

Available in Different Densities & Thicknesses – For different applications.



### Moisture & Mold Resistance

Does not degrade in damp environments, Ideal for high, moisture areas like pools and spas.



### Breathable Material

Helps regulate indoor air quality.


# NHUUR



“Where sound finds *harmony*”

## NHUUR ACOUSTICS

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