



High Stability Metal Noise Panels Wall Sound Proof Barrier Outdoor 2m~4m Roadside Noise Barriers

Our Product Introduction

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Basic Information

- Place of Origin: CHINA
- Brand Name: YUDA
- Model Number: Sound barrier
- Minimum Order Quantity: 50 Piece
- Price: Determined by size and quantity
- Packaging Details: Customized according to buyer's requirements
- Delivery Time: 3-10 day
- Payment Terms: L/C, D/A, D/P, T/T, Western Union, MoneyGram
- Supply Ability: 200000 Meters/ day



Product Specification

- Product Name: Sound Barrier
- Key Words: Outdoor Sound Barrier
- Panel Style: Steel Panel, PC Board
- Application: Highway, Railway, Noise Barrier, etc
- Panel Thickness: At Your Request
- Panel Length: 2m~4m Can Custom
- Feature: High Stability, Eco-friendly, Effective Railway Noise Barrier
- Sheets Thickness: 0.8-1mm, Can Be Customized
- Highlight: **High Stability Sound Proof Barrier, 2m Sound Proof Barrier, 4m roadside noise barriers**



More Images



Product Description

Sound Barrier Metal Noise Panels Wall Sound Proof Barrier Road Noise Barrier

After improving the quality of life of residents and reducing noise pollution, the quality of life of residents will be significantly improved. They can enjoy a more peaceful environment at home, reducing the annoyance and unease caused by noise. In addition, for special places such as schools, hospitals, and nursing homes close to highways, sound barriers can also provide them with a quieter learning and working environment

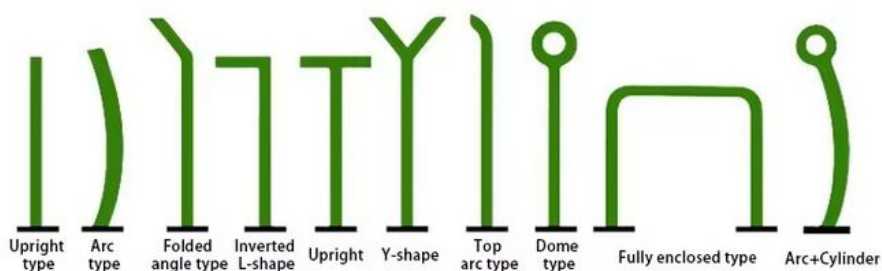
From an economic perspective, although the construction of highway sound barriers requires some investment, in the long run, it can reduce social problems and legal disputes caused by noise pollution, and lower government governance costs. At the same time, it can also enhance the value of surrounding real estate and promote economic development. From a social perspective, the construction of sound barriers helps to enhance the city's image, enhance the happiness and sense of belonging of citizens.

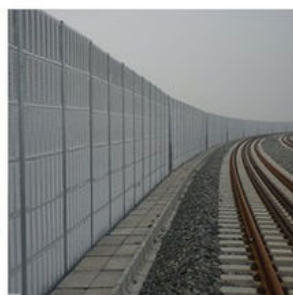
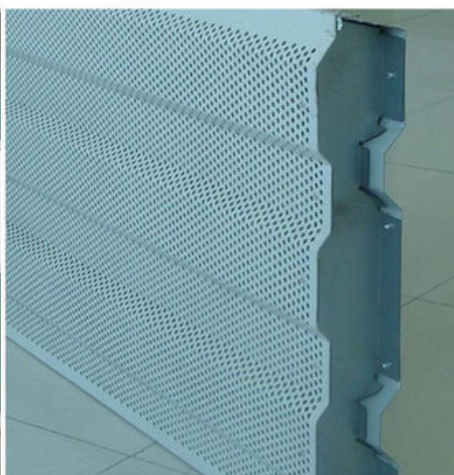
Sound Barrier Wall Technical features:

- 1.Impact strength: 850J/m, the impact strength of solid PC sheets is 250 times that of glass, 20-30 times of PMMA sheet
- 2.Light transmission: 80%-90% for different thickness of clear color;
- 3.UV resistance: with our 50 μ m thickness UV layer, the sheet can filter 99% ultraviolet radiation in sunlight;
- 4.Specific gravity: 1.2 g/cm Coefficient of thermal expansion: 0.065 mm/?C;
- 5.Temperature: -40?C to 120?C;
- 6.Heat conductivity: 2.3-3.9 W/m2;
- 7.Tensile strength: >60N/mm2;
- 8.Flexural strength: 100N/mm2 ;
- 9.Modulus of elasticity: 2,400mPa;
- 10.Tensile strength at break: >65mPa ;
- 11.Elongation at break: >100% ;
- 12.Specific heat: 1.16J/kg;
- 13.Heat deflection temperature: 140?C;
- 14.Soundproof index: 60mm--29dB, 80mm--31dB, 100mm-32dB 120mm--34dB.

Product Name	Noise Barrier guardrail Panel
Material	color steel plate, aluminum alloy plate, galvanized plate or aluminum plate
Non-metallic	glass steel, (transparent material) :pc endurance plate, laminated glass, acrylic plate, sunshine plate, etc
Panel thickness	80 mm, 100 mm, 120 mm. size can be customized. high :2m-6m, the highest can do 12m
Types of sheet hole	Louver hole: commonly used aperture 20*137, 20*182 Microhole: commonly used 3 holes 3 distance, 5 holes 2 distance, 2 holes 4 distance
Column surface	galvanized spray electrostatic powder spraying, fluorocarbon spraying
H-post (mm)	Common shape, arc shape, knuckling shape, top arc shape, top knuckling shape, irregular shape.
Three-layer structure of aluminum sound barriers	* Layer 1: Perforated aluminum sheet or shutter aluminum sheet. * Layer 2: Sound absorbing material infill, such as glass wool. * Layer 3: Aluminum sheet with smooth surface.
Color	green, gray, white color can be customized.
Sound insulation	25~48 dB
Column type	upright type, top arc type, top Angle type, large arc type, etc
Application	highway, road, bridge, viaduct, railway, subway, factory, community, school

COLUMN TYPE







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