



Steel Panel Sound Barrier for Highway and Railway Noise Reduction

Our Product Introduction

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: Road Noise Barrier Acoustic Panel,
Highway Metal Soundproof Wall,
Metal Soundproof Wall Acoustic Panel



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Product Description

Highway Metal Soundproof Wall Acoustic Barrier Panel

Product Overview

Noise barriers (soundproof walls) are facilities inserted between sound sources and receivers that provide significant acoustic wave attenuation, effectively reducing noise in designated areas.

Key Features

- High stability and eco-friendly design
- Effective noise reduction for highways and railways
- Customizable panel thickness (0.8-1mm standard)
- Panel length adjustable from 2m to 4m
- Multiple material options available

Technical Specifications

Attribute	Value
Product Name	Sound barrier
Panel Style	Steel panel, PC board
Application	Highway, Railway, Noise Barrier
Panel Thickness	Customizable
Panel Length	2m~4m (customizable)

Construction Details

The noise barrier system consists of steel structure columns and screen panels. Columns serve as the primary load-bearing components, fixed via bolts or welding to road or track infrastructure. Sound insulation panels are secured to H-shaped steel columns using high-strength spring clips.

Material Options

Component	Options
Noise Barrier Panel	Galvanized sheet, aluminum alloy sheet, color plate
Transparent Material	Glass, PC board, acrylic board
Other Materials	High strength cement, cement wood chips, fiberglass
Noise Absorbing Material	Glass wool, rock wool, water-repellent cloth, acoustic felt, foam aluminum fiber

Standard Specifications

- Aperture ratio: $\geq 25\%$
- Common sizes: 500×2000×80(100)mm, 500×2000×120mm, 1000×2000×80(100)mm
- Surface treatments: Electrostatic powder coating, fluorocarbon spraying
- Available colors: Green 6029, Blue 5017, Gray 7042, White 9010 (custom colors available)
- Noise reduction: 10-15dB(A) (125Hz-4000Hz)

Frequently Asked Questions

What makes your fence products different from other companies?

We provide free design services, customization options, and warranty coverage with strict quality control and competitive pricing.

Can I get a sample of your products?

Yes, free samples are available upon request.

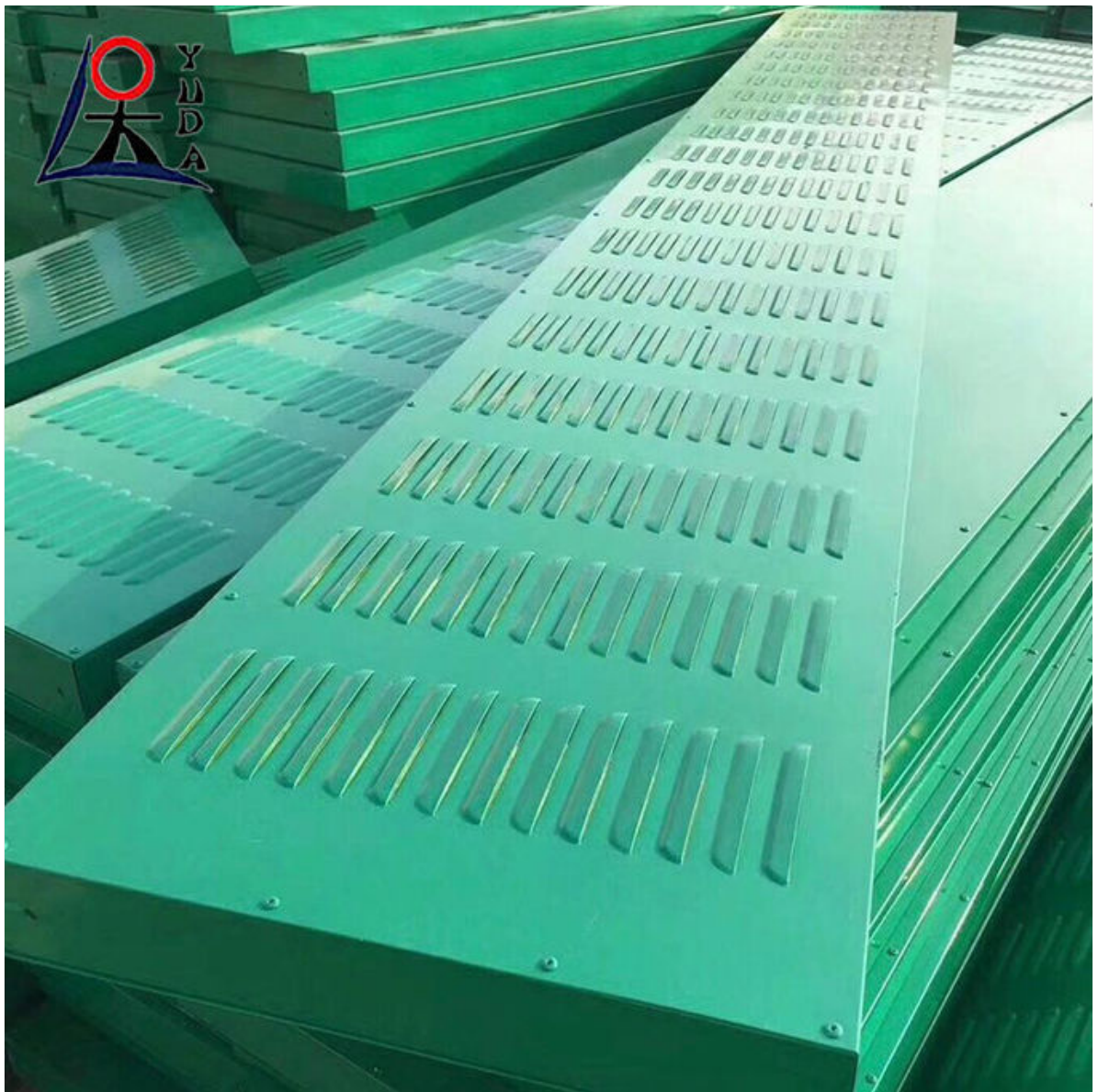
What materials do you use for fencing?

We primarily use low carbon steel wire, with high tension strength steel wire for razor wire cores and Q235 material for posts.

Will my fence rust, peel, fade or chip?

With proper maintenance and absent physical damage or chemical exposure, the surface can last over 10 years.







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