



## Highway Sound Barrier Panel - Custom Aluminum Steel Noise Wall

### 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: **Aluminum Sheet Road Noise Barrier, Highway Road Noise Barrier, No Fade Road Noise Barrier**



Product Description

Road Noise Barrier Panel Highway No Fade Aluminum Sheet Sound Wall

Product Overview

Road sound barriers are engineered structures designed to effectively reduce environmental noise propagation from highways and railways. These noise barriers achieve sound reduction through reflection, absorption, and blocking of noise waves, significantly decreasing sound intensity at receiving points.

Key Features

- High Stability:** Durable construction for long-term performance
- Eco-Friendly:** Sustainable materials and manufacturing
- Weather Resistant:** UV protection maintains properties for years
- Excellent Impact Resistance:** 80 times stronger than glass
- Temperature Range:** -40°C to +120°C performance
- Lightweight:** Only 1/12 the weight of equivalent glass
- Flame Resistant:** Meets Class B1 fire performance rating

Technical Specifications

Attribute	Specification
Panel Style	Steel panel, PC board
Panel Thickness	Customizable (standard 0.8-1mm)
Panel Length	2m-4m (custom lengths available)
Surface Treatment	Electrostatic powder coating, fluorocarbon spraying
Color Options	Green 6029, blue 5017, gray 7042, white 9010 (custom colors available)
Aperture Ratio	≥25%

Material Options

- Metal Type:** Galvanized sheet, aluminum sheet
- Appearance:** Shutter type, punching type
- Transparent Sheet:** PC, PMMA
- Noise Absorb Material:** Glass wool, rock wool, acoustic felt
- H Shape Post Material:** Q235B steel
- Other Materials:** High strength cement, cement wood chips, glass steel

Standard Sizes

Common panel sizes include 500×2000×80(100)mm, 500×2000×120mm, and 1000×2000×80(100)mm. All dimensions can be customized to project requirements.

H Shape Post Specifications

Size	Height Range
100×100×6×8mm	2m-6m (up to 12m available)
125×125×6.5×9mm	
150×150×7×10mm	
175×175×7.5×11mm	

Applications

- Highway and railway noise barriers
- Industrial roofing and glazing
- Building sunshades and skylights
- Public infrastructure lighting

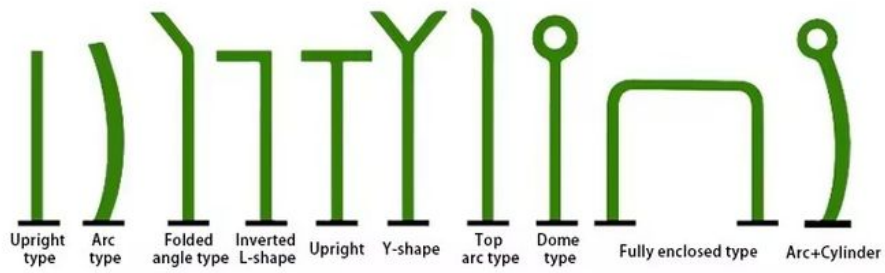
Advertising displays and signage

Security barriers and protective shields

Agricultural greenhouses and conservatories

Swimming pool enclosures

## COLUMN TYPE





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