KAMCO™

Innovator In Aluminium

NOISE BARRIER PRODUCT CATALOGUE

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Company Introduction

The origins of the company date back to 1980 when founder Mr. Chan Ki Hap began his journey by selling aluminum ladders from a rented shop under the name Syarikat KAMCO Supplies. Currently, Mr. Lim Tze Chao serves as the managing director.

In 1990, the company was officially registered as a private limited entity under the name CHAN KAMCO Aluminium Sdn Bhd. By 1992, it began operating as KAMCO Aluminium Sdn Bhd.

Strategically situated on Jalan Sungai Besi, the industrial hub of Kuala Lumpur (Klang Valley), the company boasts a state-of-the-art aluminum production facility spanning 47,000 square feet, equipped with top-tier resources. Alongside a team of highly skilled and dedicated specialists, KAMCO Aluminium manufactures premium-quality aluminum products daily. In 2017, the company expanded further with a new factory in Sg. Lalang, Semenyih, increasing the total factory size to approximately 5 acres (217,000 sq. ft.).

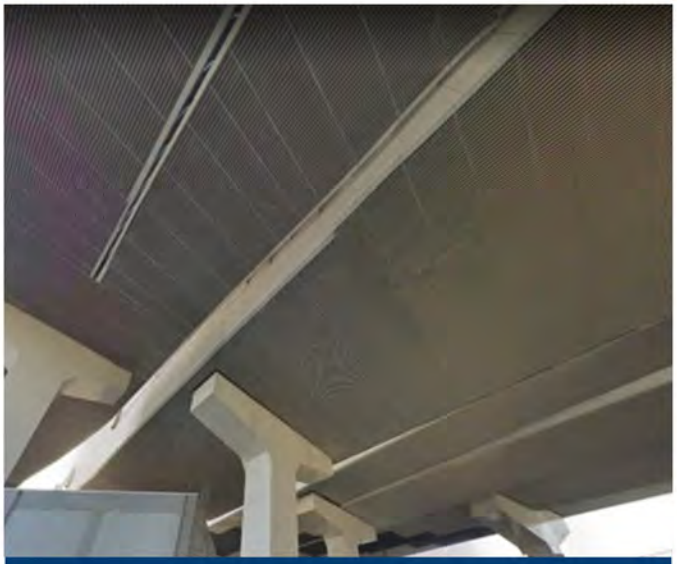
With over 38 years of experience, KAMCO Aluminium Sdn Bhd credits its growth and success to its adaptability. The company has effectively embraced the challenges of meeting the high demands of its niche market, excelling in customization of aluminum profiles, both single and system-based.

In 2017, KAMCO Aluminium Sdn Bhd also ventured into the noise barrier business, becoming an authorized manufacturer of Japanese metal noise barrier panels.

Sound Barrier Product

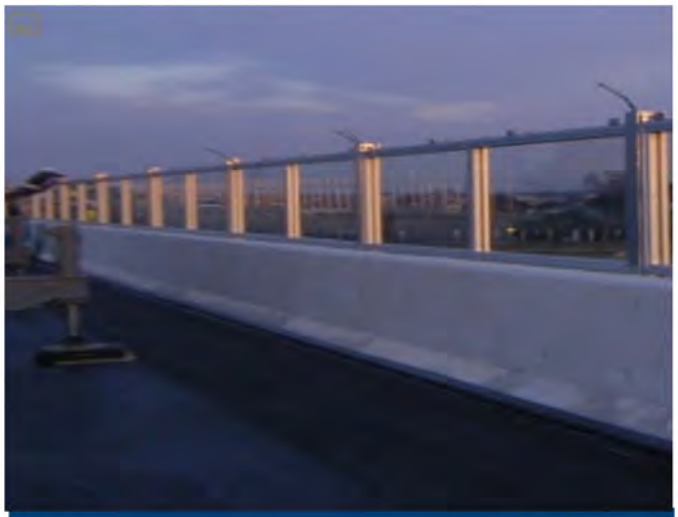
Metal Louvers Noise Absorptive Panel

Metal Perforated Type Noise Absorptive Panel

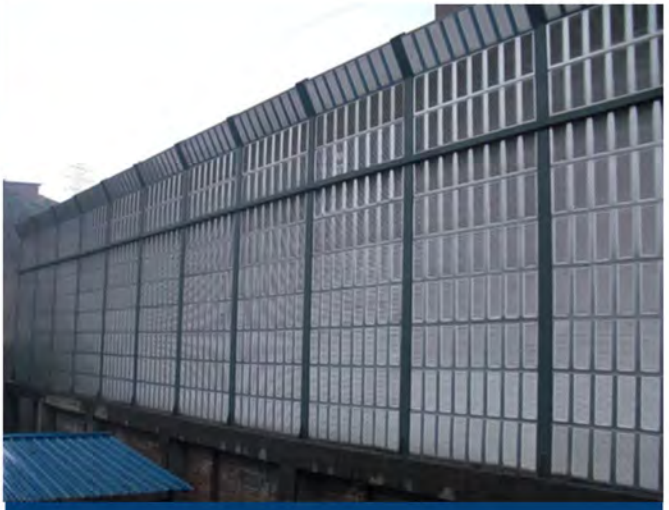


Under Bridge Type Noise Barrier Panel

Hidden Steel Post Type Noise Barrier Panel

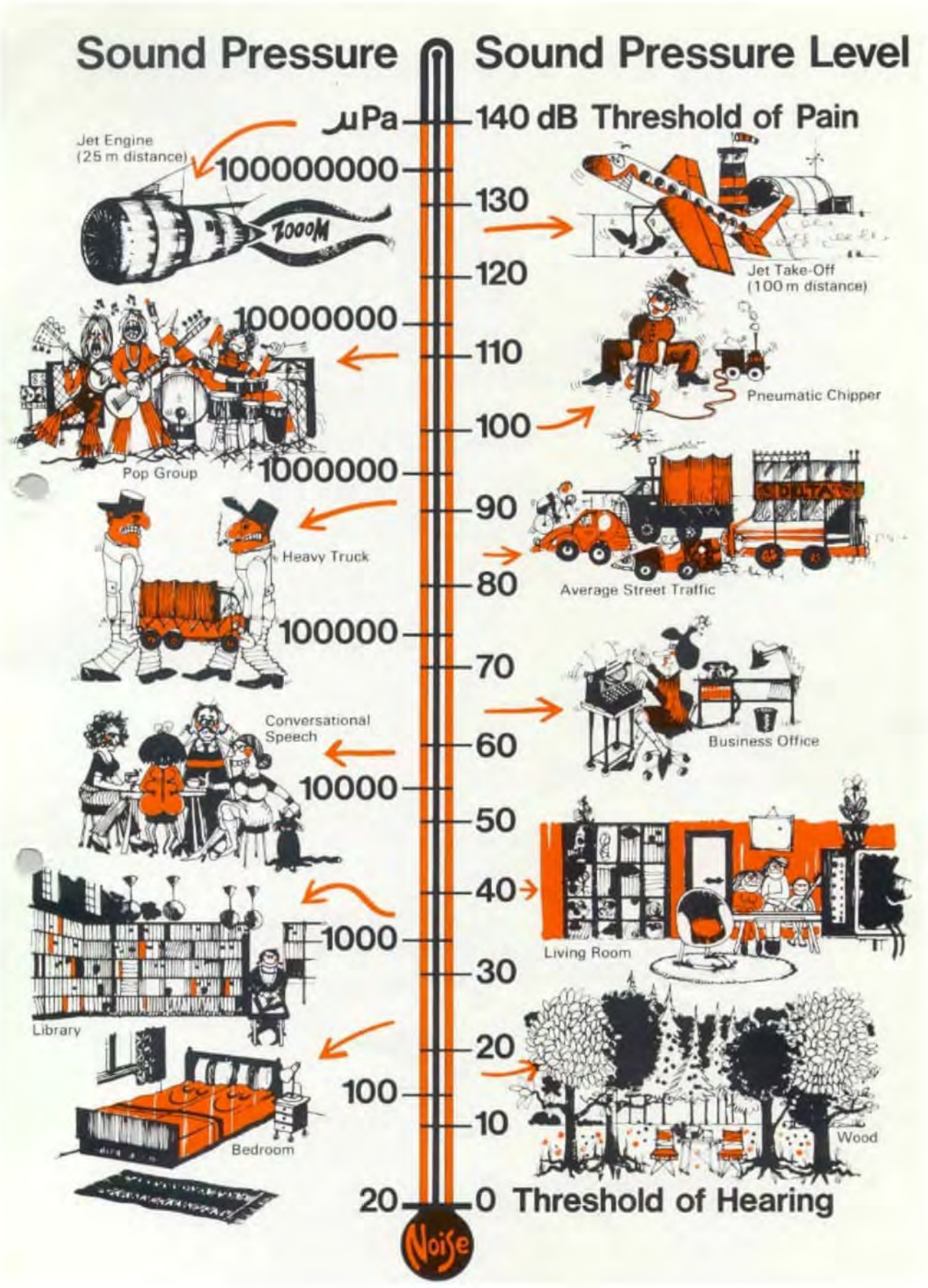


Transparent Noise Barrier Panel



Work Site Noise Barrier Panel

Why Does Noise Affects Us ?



Aluminum Noise Barrier Reduces Noise in Loud Areas

Aluminum panels are frequently utilized to create lightweight sound barriers due to their excellent resistance to corrosion and self-supporting properties. These aluminum sound barriers are ideal not only for traffic areas but also for factories and workshops where machinery generates significant noise pollution.

Designed as absorptive sound barriers, aluminum panels feature various hole patterns, including dotted slits and louvers. To enhance sound absorption performance, they require fillings such as EPDM, fiberglass, and aluminum foam.

Many sound barriers effectively combine the benefits of clear noise barriers with aluminum barriers, allowing them to absorb sound while also serving as a supportive frame for polycarbonate or acrylic sheets. This sound barrier system effectively reduces noise levels without obstructing light transmission.

Why Choose Aluminium Noise Barrier Panel as Sound Barrier?

- A self-sustaining system that does not need extra frames.
- Lightweight design facilitates easy installation.
- Exceptional sound absorption capabilities.
- Unique corrosion resistance ensures a long-lasting noise barrier, even in coastal regions.
- Built for long-lasting durability.
- Cost-effective solution.

Metal Noise Barrier Panel Specification

Louvers Type Noise Barrier Panel Specification :

Components	Material
Front panel	Aluminium A5052, t=1.0mm
Back panel	Highly Corrosion Resistant Coated steel sheet, t=1.2mm
Section panel	Highly Corrosion Resistant Coated steel sheet, t=1.2mm
Infill material	Mineral Wool, t=50mm c/w Protective Layer
Rivet	Aluminium
Cushion tape	EVA foam
Thickness	60mm to 95mm

- Inert
- UV resistant
- Mildew resistant
- Vermin proof
- Hydrophobic
- Requires minimal maintenance
- Exceptional fire resistance
- Design life of a minimum of 20 years

Product Features

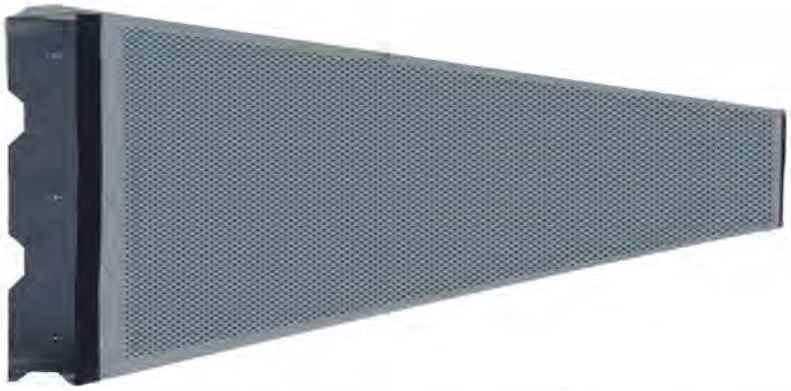
Light Weight Panel
Quick and easy installation

Outstanding Sound Absorption
Mineral wool that provides a high absorption ratio.

Excellent Durability
Utilizing a front plate made of high-quality, corrosion-resistant aluminum, along with a galvanized steel plate for the back and sections.

Durable Design
Withstand 150kg/m2 of wind load

Metal Noise Barrier Panel Specification



Perforated Type Noise Barrier Panel Specification

Components	Material
Front panel	Aluminium A5052, t=1.0mm
Back panel	Highly corrosion resistant coated steel sheet, t=1.2mm
Section panel	Highly corrosion resistant coated steel sheet, t=1.2mm
Infill material	Mineral Wool, t=50mm c/w Protective Layer
Rivet	Aluminium
Cushion tape	EVA foam
Thickness	95mm

- Inert
- UV resistant
- Mildew resistant
- Vermin proof
- Hydrophobic
- Requires minimal maintenance
- Exceptional fire resistance
- Design life of a minimum of 20 years

Product Features

Light Weight Panel
Quick and easy installation

Outstanding Sound Absorption
Mineral wool that provides a high absorption ratio.

Excellent Durability
Utilizing a front plate made of high-quality, corrosion-resistant aluminum, along with a galvanized steel plate for the back and sections.

Durable Design
Withstand 150kg/m2 of wind load

Transparent Noise Barrier Panel Specification

SkyGate Polymer Sdn Bhd

Transparent Type Noise Barrier Panel Specification

Panel Weight Is Subject To Material Tolerance

Components	Material
Horizontal frame	AluminiumA6063T5
Vertical frame	Aluminium A6063T5
Transparent sheet	PMMA / POLYCARBONATE
Gasket	Santoprene or equivalent
Screw	Stainless steel
Cushion Tape	EVA Foam
Thickness	60mm to 95mm

PMMA (Polymethyl Methacrylate)

- Light trasmitttance over 92%
- Good transparency
- Good weatherability, UV stability
- Good chemical resistance
- Good scratch resistance
- Good moldability

PC (Polycarbonate)

- Good impact resistance
- Good transparency
- Good weatherability, UV stability
- Good chemical resistance
- Flame retardant

Product Features

Light Weight Panel

Quick and easy installation

Excellent Sound Insulation

High noise reduction

Excellent Weather Resistance

Using High Quality Acrylic sheet or Polycarbonate sheet

Temporary Noise Barrier Panel Specification

Introducing temporary noise barrier that is specifically engineered for construction site applications.

This innovative solution effectively and significantly reduces noise from construction activities and machinery.

- It minimizes construction noise and serves as a barrier to protect the public.
- Additionally, it enhances the aesthetics of construction sites, offering a tidy and uniform appearance.

Available in a variety of colors to suit your needs.

Product Name	Panel Thickness (mm)	Panel Height (mm)	Panel Length (mm)	Panel Weight (kg)
Temporary Noise Barrier	35	500	2970	20
Front Panel : GI Sheet (Thickness 0.5mm) **Back Panel : GI Sheet (Thickness 0.8mm)** **Sound Absorbing Material : Glasswool T25mm 32kg/m3 Laminated With Black Matt Tissue**				

C1363 PACKAGE A & B -
IMPLEMENTATION OF NOISE BARRIER ON RAIL VIADUCT PHASE 2

CONTRACT 1406 - IMPLEMENTATION OF NOISE BARRIER ON RAIL VIADUCT PHASE 3

SETIAWANGSA-PANTAI EXPRESSWAY (SPE)

SUNWAY CARNIVAL MALL EXTENSION PROJECT

SUNSHINE MALL FLYOVER

ETFE Sound Barrier Project for Subang, LRT 1

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