

PRODUCT CATALOGUE



KAMCO™

Innovator In Aluminium

KAMCO ALUMINIUM SDN BHD (116345-P)

No. 3A, Jalan Suria Park 1, Suria Park,
Kawasan Perindustrian Kampung Baru
Balakong, 43300 Seri Kembangan,
Selangor, Malaysia.

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Company Introduction

The company's humble beginning traces back to 1980, where, the founder Mr. Chan Ki Hap started his business by selling aluminium ladders from a rented shop under the name Syarikat KAMCO Supplies. The current managing director is Mr. Lim Tze Chao.

The company was then officially registered as a private limited company under the name CHAN KAMCO Aluminium Sdn Bhd in 1990. In 1992, the company operates under the name KAMCO Aluminium Sdn Bhd.

Currently located strategically at Jalan Sungai Besi, the industrial hub of Kuala Lumpur (Klang Valley), the 47,000 sq feet state-of-the-art aluminum production site is equipped with top class facilities. Together with a team of highly-skilled and dedicated specialists, only the best quality aluminium products are manufactured everyday. In year 2017, KAMCO Aluminium Sdn Bhd has expand further with expansion factory at Sg. Lalang, Semenyih. Total factory size is about 5 acre (217,000 Sq.ft).

Armed with more than 38 years of experience, KAMCO Aluminium Sdn Bhd attributes its growth and success to Dexibility. Over the years, the company has successfully embraced the challenges of meeting the high demand of the niche market and excels in it. Since then, the company key strength is on customizing aluminium of single or system based prodles. In year 2017, Kamco Aluminium Sdn Bhd started noise barrier business as authorized manufacture of Japan metal noise barrier panel.



Company name	Kamco Aluminium Sdn Bhd	
CEO	Lim Tze Chao	
Board of director	1) Tan Sri Dato Lim Soon Pen 2) Lim Tze Chao 3) Lim Puay Fung	
HQ address	No. 3A, Jalan Suria Park 1, Suria Park, Kawasan Perindustrian Kampung Baru Balakong, 43300 Seri Kembangan, Selangor, Malaysia.	
Factory address	Kamco Aluminium Sdn Bhd (Factory) Lot 1085, batu 23 1 2, 1, Jalan Sungai Lalang, Kawasan Perindustrian Beranang, 43500 Semenyih, Selangor	
contact	TEL: + (603) 8964 9991 FAX: + (603) 8964 5990 E-mail: sales@kamcoaluminium.com	
URL	http://www.kamcoaluminium.com	
Date of Incorporation	1980	
Natural Of Business	Aluminium Manufacturer	
Company's Secretary	CORPORATE MANAGEMENT CONSULTANTS No. 38, Lorong Yap Hin, Off Jalan Pasar 55100 Kuala Lumpur.	
Company's Auditors	ALLAN CHOONG & CO. No. 32a, Lorong Yap Hin, Off Jalan Pasar, 55100 Kuala Lumpur	
Services offered	ALUMINIUM DIE MANUFACTURING ALUMINIUM EXTRUSION ALUMINIUM ANODIZING ALUMINIUM POWDER COATING ALUMINIUM ENGINEERING ALUMINIUM FABRICATION ALUMINIUM EXPORT	
Company's Bankers	<ul style="list-style-type: none"> ● MayBank Berhad ● Public Bank Berhad 	<ul style="list-style-type: none"> ● Hong Leong Bank Berhad ● OCBC AI-Almin Berhad

Vision

- To be a renowned global leader and a reliable partner in the aluminium industry pioneering in product innovation and the re-engineering.

Mission

- To listen and understand the requirement and needs of customer is the company's top priority. We believe in fostering long-term relationship with customer to create a win win situation.
- To continuously pioneer, improve and excel in product re-engineering that meets international standard.
- To encourage and promote the usage of aluminium product as an environmental friendly / recyclable.

Quality Objectives

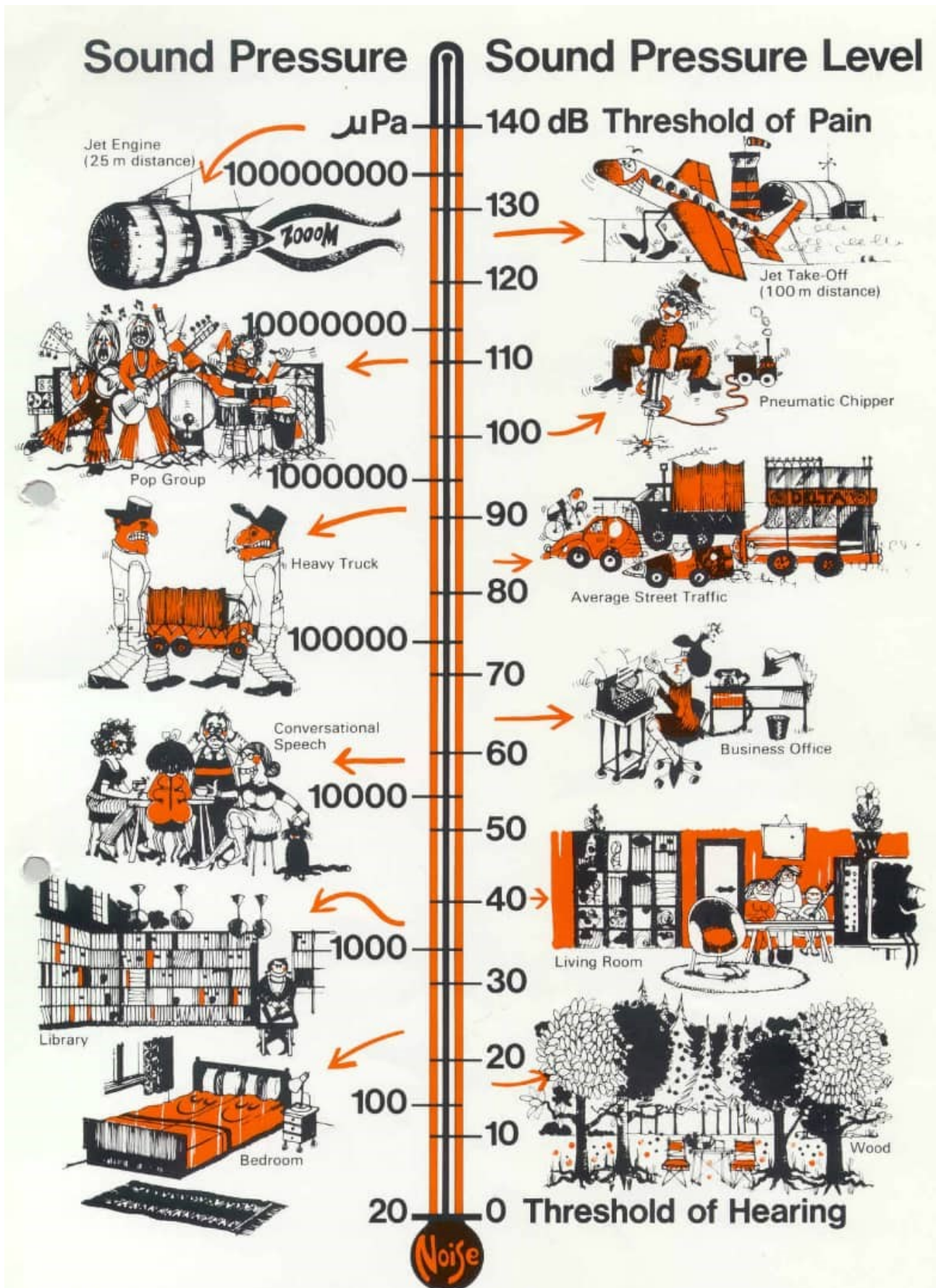
Sales Target to 20million
Reduced Conversion cost



Sound Barrier Product Catalogue



Why Does Noise Affects Us



Aluminum panels are often manufactured into sound barriers for lightweight, excellent corrosive resistance and self-support. **Aluminum sound barriers** are not only used in traffic areas but also factories and workshops where machines make serious noise pollution.

As an absorptive sound barrier, aluminum panel are designed with various hole patterns such as dotted slits or louvers. To maximize sound absorptive performance, fillings are required such as EPDM, fiber glass and aluminum foam.

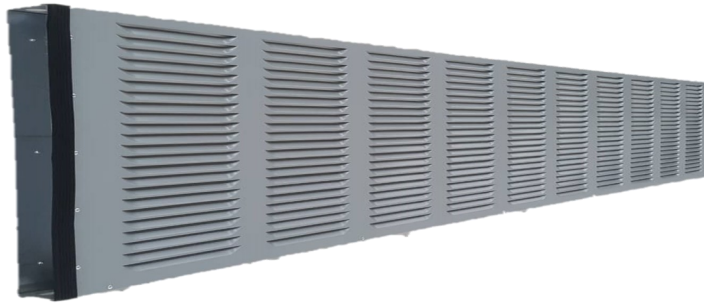
Many sound barriers make full use of advantages of clear noise barrier and aluminum barrier which can absorb noise and also provide support frame to polycarbonate or acrylic sheets. This sound barrier system will not obstruct light transmission while reducing noise level at utmost.

Why select aluminium panel as sound barrier?

- Self-supporting system without requiring additional frames.
- Light weight system makes installation easy.
- High sound absorptive capability.
- Its special corrosive resistance result in durable noise barrier, even in coastal areas.
- Long durability.
- Economic cost.



Aluminium Noise Barrier Panel Specification



Standard type panel

Standard type panel specification 60mm(t)

Part	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	32kg/m3 glass wool board, t=50mm
Protection layer	Protection film bag, t=0.02mm / Glass cloth
Rivet	Aluminium
Cushion tape	EVA foam

Panel Size	Weight
2.0M (1,970x500x60mmT)	20kg +/- 0.5kg
3.0M (2,970x500x60mmT)	27kg +/- 0.5kg

Product features

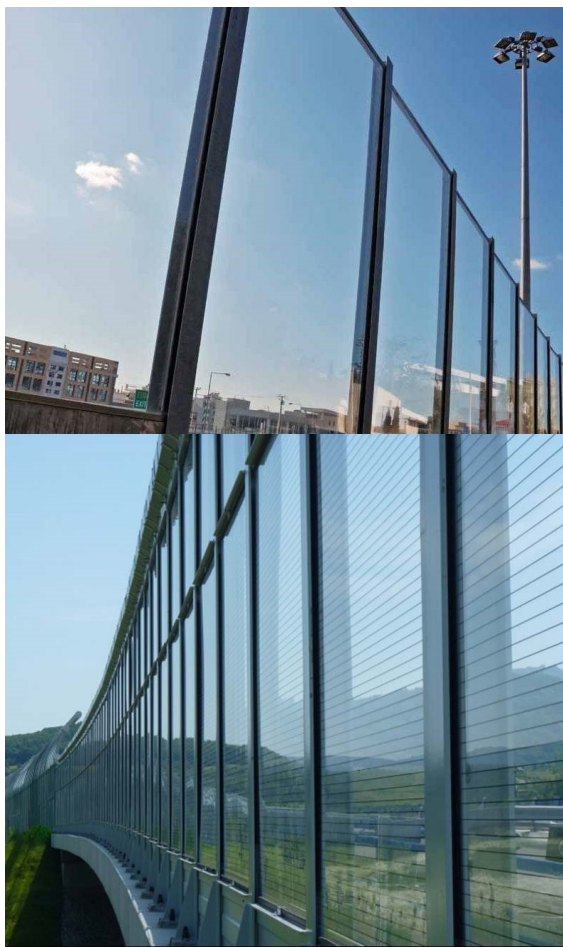
- ◆ **Light weight panel**
Quick and easy installation
- ◆ **Excellent sound absorption**
Mineral wool that give high absorption ratio
- ◆ **Excellent durability**
Using high quality & high corrosion resistant aluminum front plate and galvanized steel plate for back & section
- ◆ **Durable design**
Withstand 150kg/m² of wind load



Transparent sound barrier Transparent sound barrier has been increasingly demanded by highways, railways, overpasses and bridges which cross populated urban areas. This clear sound wall has been proven an optimum alternative for solving visibility and noise abatement problems. Unlike metal or masonry blocks sound wall, clear sound barrier will not break the continuity of scenic landscapes while blocking traffic noises.

Transparent sound barriers are purely reflective acoustic barrier and always cooperate with sound absorbing elements. There are two glass-like sound barrier - acrylic and polycarbonate. Various thicknesses and sizes can be manufactured.

Note: For glass sound barrier, bird protection designs are also needed because bird can't distinct the clear barrier during flying.



Your benefits of choosing transparent sound barriers:

- **Increase road safety**
Light-transmitting property allows sunlight through and prevents shadows being cast onto the roadway.
- **Long life expectancy**
Both excellent resistance to all weathers and strength to damage from hail, wind and storm contribute long service life. It can be used throughout many years in harsh outdoor environment.
- **Adding extra view to landscapes**
In contrast with non-transparent sound barrier, clear barrier is an impressive and charming element to cement buildings.
- **No visual pollution but giving an opening for light and views**
Clarity allows for enjoying beautiful views along the way or bridge.
- **Easy installation**
Adaptable to any ground-mounted noise barrier system.
- **Win-win solution of sound pollution and visibility**
Significantly reducing installation time and project cost.

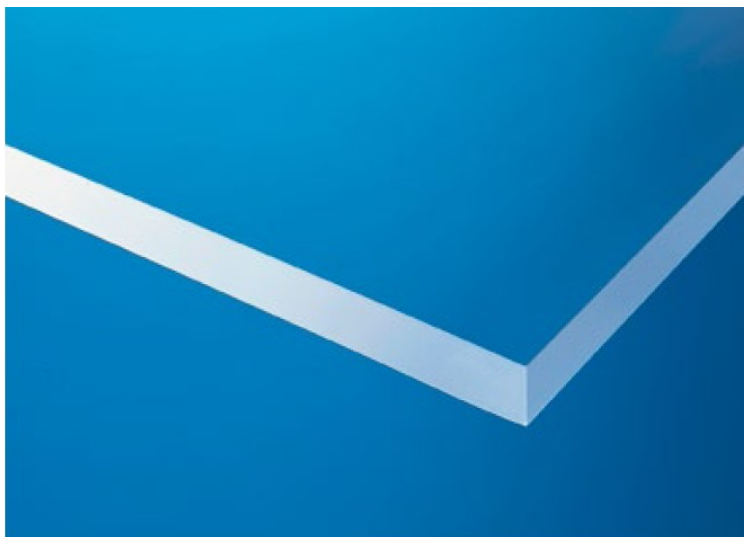
Transparent Panel Specification



Transparent panel specification 60mm(t)

Part	Material	Supplier / Country of origin
Frame	Aluminium A6063S, t=1.7mm	Kamco Aluminium Sdn Bhd, Malaysia
PMMA sheet	Evonik Plexiglas XT, t=10.0mm	Evonik, Germany

Panel Size	Weight
2.0M (1,970x500x60mmT)	19kg +/- 0.5kg



PLEXIGLAS® Soundstop transparent

Large-sized, highly transparent cast (GS) or extruded (XT) sheets. The clear grade offers a light transmission of over 90 percent. PLEXIGLAS® Soundstop is available in clear color and in a series of transparent colors.



PLEXIGLAS® Soundstop GS CC transparent with integrated sliver retention

Highly transparent cast acrylic sheets with embedded polyamide threads. These threads restrain any fragments caused due to breakage during an accident, and prevent them from falling onto the road. PLEXIGLAS® Soundstop GS CC is a transparent noise barrier material approved throughout the world for use on bridges without additional restraint systems.

Worksite Noise Barrier (Quieter Construction Work Site)

- Worksite noise barrier specifically developed and designed to cater for construction site usage.
- It helps mitigate construction works and machineries noises effectively and drastically.
- It will create a reduce construction noise and acts as barriers towards the public.
- It also functions to beautify construction sites as to provide a neat and standardized appearance. Available in various colors.



Product Name	Panel Thickness (mm)	Panel Height (mm)	Panel Length (mm)	Panel Weight (kg)
Worksite Noise Barrier Panel	32	500	2970	17.5
Front Panel : G.I Sheet (Thickness 0.5mm) Back Panel : G.I Sheet (Thickness 0.5mm) Sound Absorbing Material : Rockwool 25mm 68kg/m3 Laminated with Black Matt Tissue				

STC = 30
NRC = 0.71



Work Site Noise Barrier Panel

Project Reference of Kamco Aluminium Sdn Bhd

C1363 Implementation of noise barrier on rail viaduct phase 2 (On-going project)



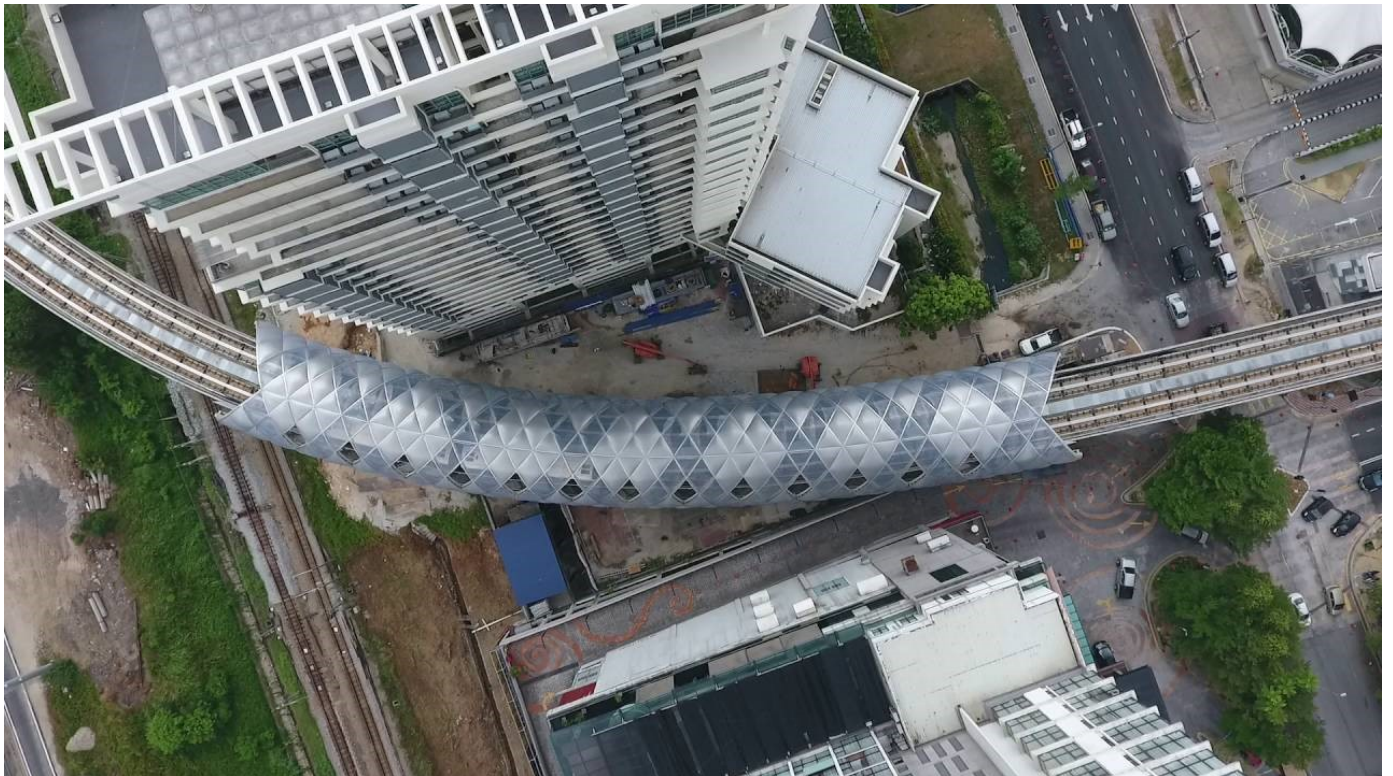
Project Reference of Kamco Aluminium Sdn Bhd

Setiawangsa– Pantai Expressway – SPE (On-going project)



Project Reference of Kamco Aluminium Sdn Bhd

ETFE Sound Barrier Project for Subang, LRT 1



Contract 1406 - Implementation of noise barrier on rail viaduct phase 3 (On-going project)





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