

# PRODUCT BROCHURE

FORTUNA  
SOUNDPROOF WINDOWS



# FORTUNA



## ABOUT FORTUNA

Fortuna positions itself as the pioneering company in Singapore providing soundproof windows to HDB, condominium and landed properties market. Our constant dedication to research and development also enable us to deliver new products from time to time at a competitive pricing to our customers. Over the years, we have established greater market share through positive word of mouth.

Our brand promise of delivering quality products is supported by our product warranty and complimentary servicing. Our uPVC (Unplasticized polyvinyl chloride) soundproof window series have undergone product testing, auditing and certification. We truly value feedback from our customers and we owe our success thus far to our valued customers.





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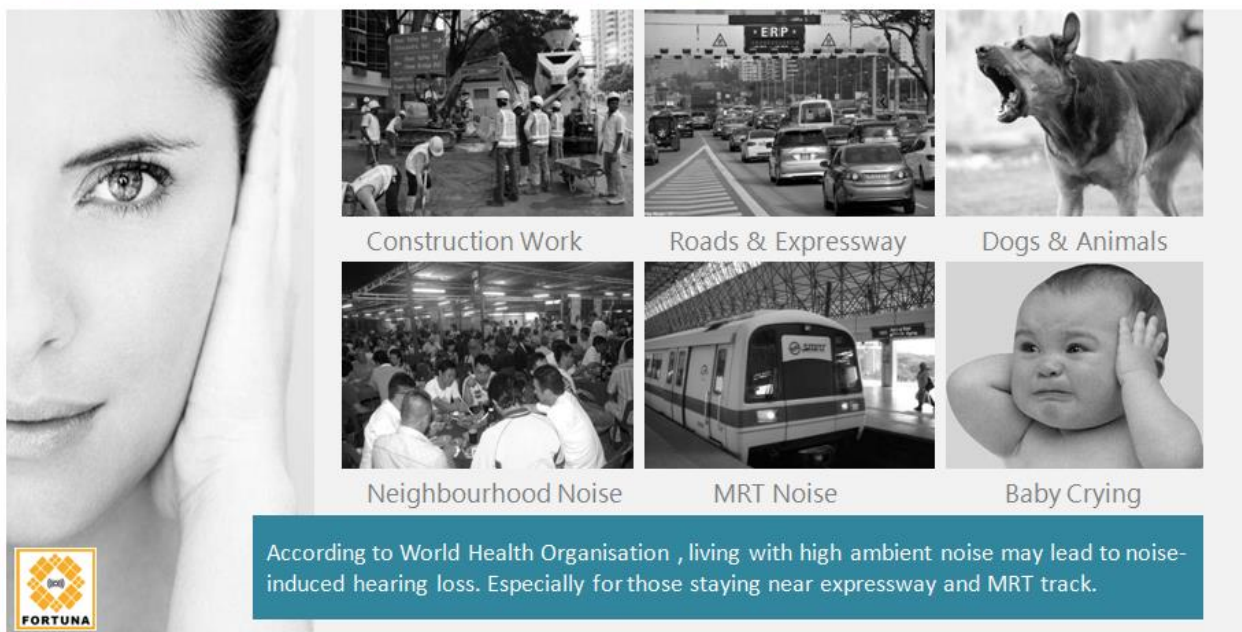
# FORTUNA


## WHY SOUNPROOFING ?

- Increasing unwanted external noise in neighborhood (Public transport, roads, neighbor, upgrading works)
- Increased standard in quality of sleep
- Increased in global climate temperature
- Decreased cost to install soundproof products
- Decreased usage of traditional clear glass windows


# SOUNDS FAMILIAR?

Permanent Exposure to Noise like these can Damage your Hearing permanently. Acknowledge these Noise Issues and Get it FIXED!







Construction Work




Roads & Expressway




Dogs & Animals



Neighbourhood Noise



MRT Noise



Baby Crying

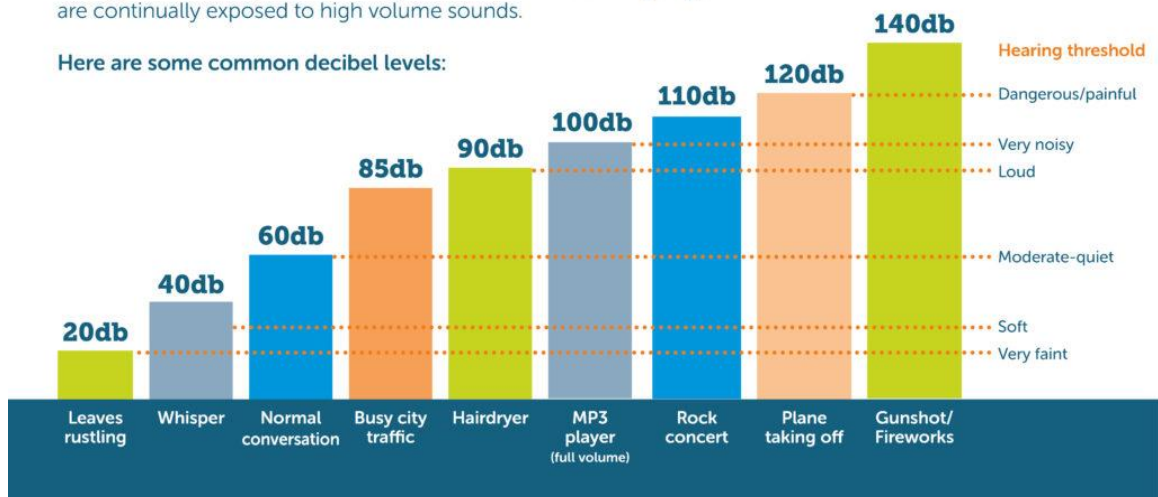
According to World Health Organisation , living with high ambient noise may lead to noise-induced hearing loss. Especially for those staying near expressway and MRT track.



## How loud is too loud?

Government research suggests the safe exposure limit is **85 decibels** for **eight hours a day**. Your hearing could be at risk of damage if you are continually exposed to high volume sounds.

Here are some common decibel levels:



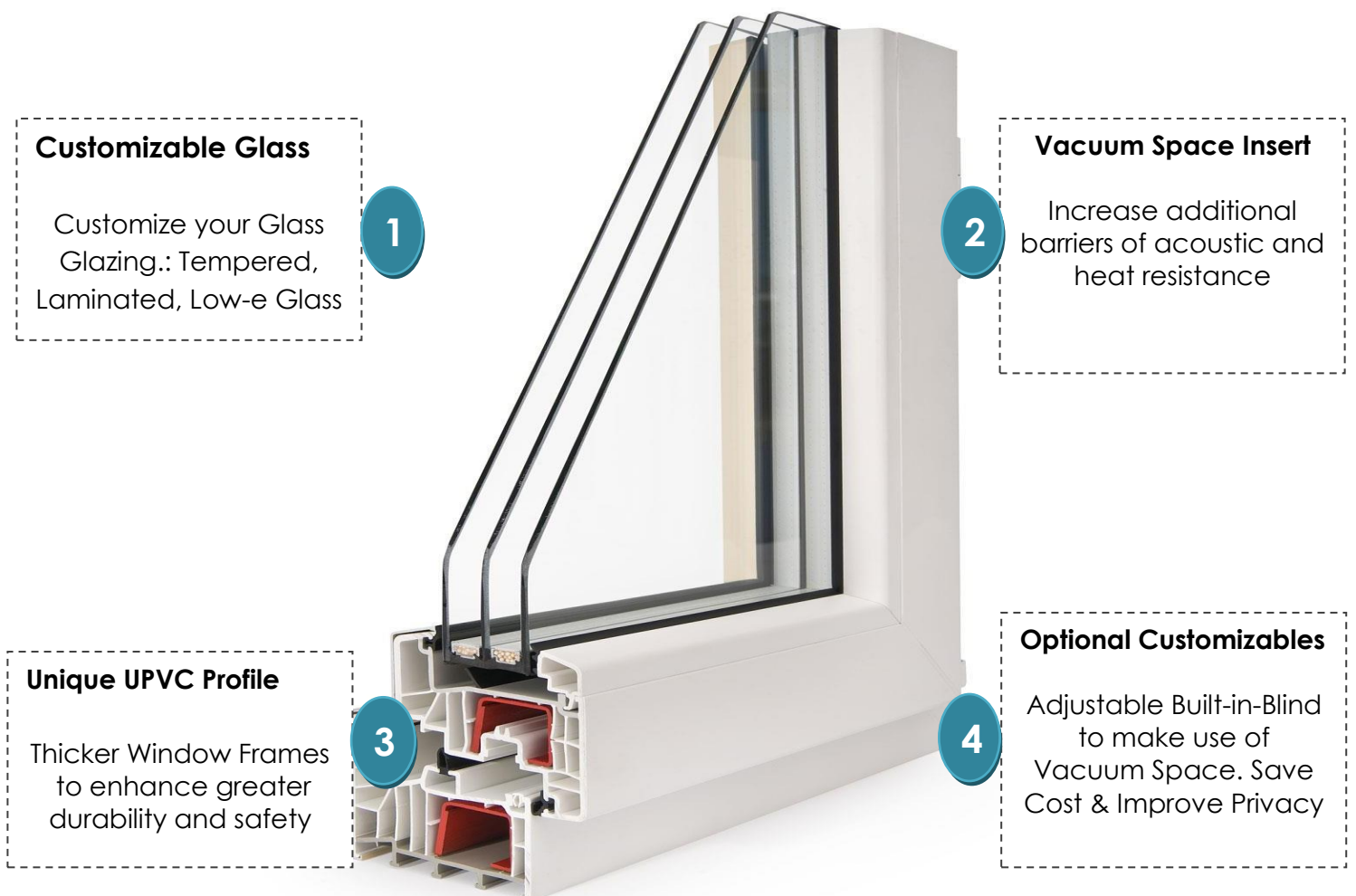
## WHY FORTUNA?

Premium class of products made from quality frame material and unique design to soundproofing efficiency.

- Able to Attain STC rating of 41 (Product Testing by TUV)
- Thicker Window Frame & Thicker Tinted Glass Windows
- Double / Triple / Built in Blind Customization Possible
- Cost inclusive of installation with no hidden cost
- Free servicing during period of factory warranty

## WHAT IS UPVC?

- UPVC (Unplasticised Polyvinyl Chloride) is extremely rigid replicate of PVC (Synthetic Plastic),
- Suitable for load-bearing applications such as windows and doors.
- UPVC is a superior material for Windows as compared to Aluminum.



## TYPE OF SOUNDPROOF WINDOWS



CASEMENT



SLIDING



TOP HUNG

## UPVC WINDOW PRODUCTS GALLERY



Park West Condo



Chancery Court Condo



Bishan Street 13 - HDB



Onan Road - Joo Chiat



Lor Kismis - Bukit Batok



Senett Ave - Bedok



In-House Music Studio

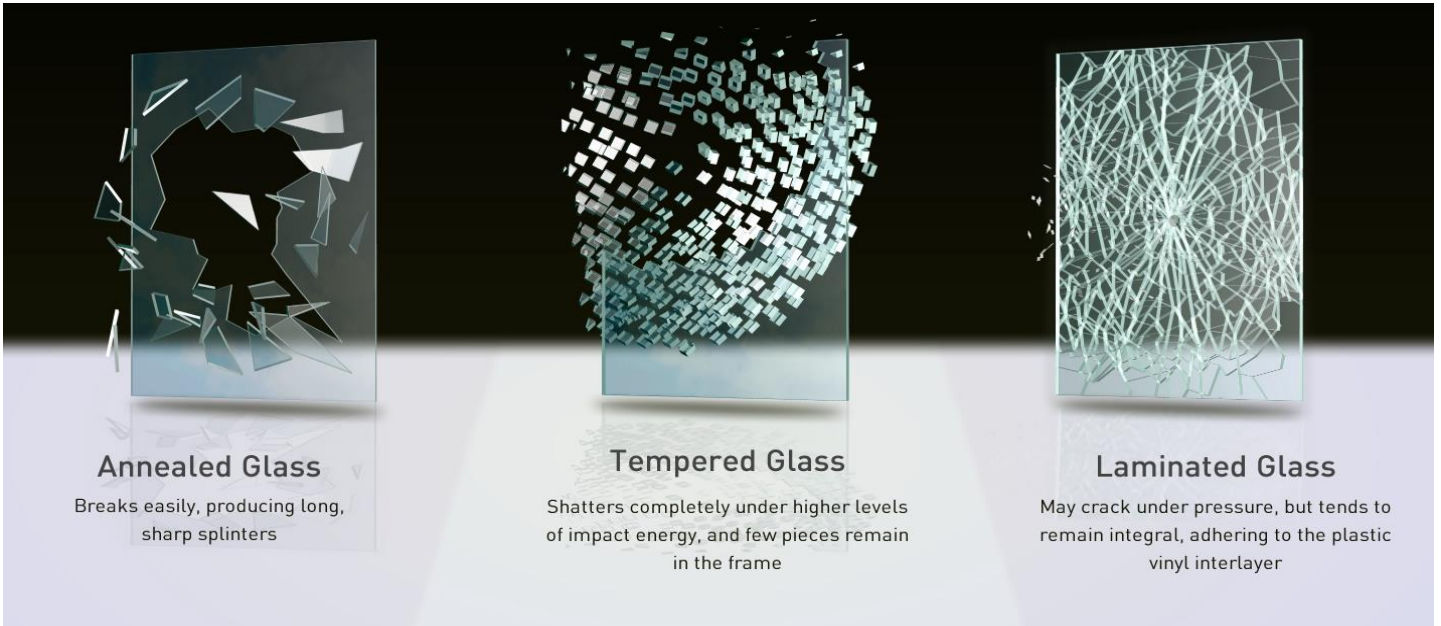


Sync Music School



Pasir Ris Drive - HDB

# GLASS & GLAZING PROPERTIES



**Annealed Glass**

Breaks easily, producing long, sharp splinters

**Tempered Glass**

Shatters completely under higher levels of impact energy, and few pieces remain in the frame

**Laminated Glass**

May crack under pressure, but tends to remain integral, adhering to the plastic vinyl interlayer

Glass Type	General Description	Usage
<b>Annealed / Float</b>	The most basic glass type that allows maximal light and heat penetration.	Interior Glass Fixtures
<b>Tempered (Safety)</b>	A type of goes through thermal or chemical treatment to increase its strength. Also known as toughened glass.	Building Exterior, Shower screen
<b>Laminated (Sound Insulation)</b>	Two-piece of glass that hold together even in the event of shatter. Held in place by an interlayer, typically of Polyvinyl Butyral (PVB)	Vehicle Windscreen
<b>Low-E (Low-Emissivity)</b>	A type of energy-efficient glass designed to prevent heat escaping through your windows to outdoors. Recommended for windows facing north or east, where larger proportion of heat loss would be expected.	High level commercial buildings

## WINDOW TINTED GLASS COLOR



Clear



Blue






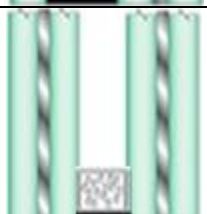


Green



Grey

## GLASS & GLAZING PROPERTIES (CON'T)

Series	Diagram	Glass Glazing Dimension	No. Of Glass
VC Series - Double		6mm + Air + 6mm	2 Layers
VC Series - Triple		6mm + Air + 6mm + Air + 6mm	3 Layers
LM Series - Double		6mm + PVB + 6mm	2 Layers
LM Series - Triple		6mm + PVB + 6mm	3 Layers
SP Series - Triple		6mm + Air + 6mm + PVB + 6mm	3 Layers
SP Series - Quad		6mm + PVB + 6mm + Air + 6mm + PVB + 6mm	4 Layers



1<sup>st</sup> Layer of Glass

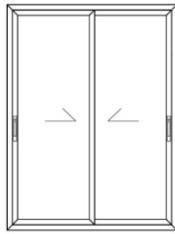
Polyvinyl butyral  
**(PVB)**

2<sup>nd</sup> Layer of Glass

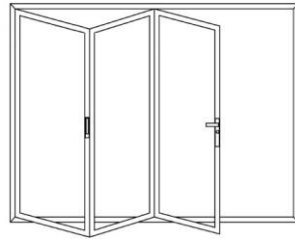
**LM Series - Double**



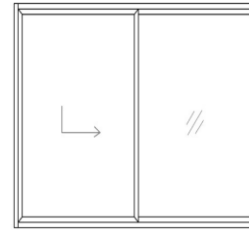
## UPVC SOUNDPROOF DOORS



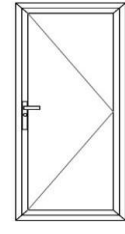
Sliding



Folding



Lift & Slide



Single

If your windows have been soundproofed, the second most prominent point of entry for noise to enter your room would be the door. Depending on your room space and usage, certain type of doors and design will be more suitable for you.



UPVC Sliding Door



UPVC Swing Door with Built in Blind



UPVC Sliding Door  
with Built-in Blind



UPVC Folding Door

	Durability	Sound-proofing	Cost Savings	Heat/Water Insulation
UPVC	★★★★	★★★★	★★★★	★★★★
Aluminum	★★★★	★★	★★	★★

## SOUNDPROOF PARTITION WALL



**FORTUNA**

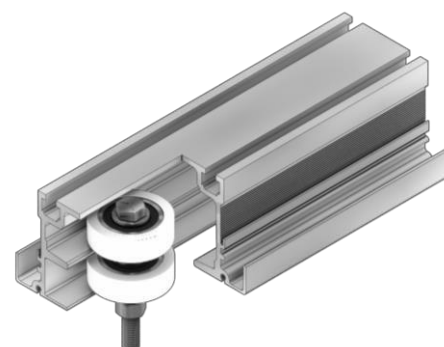
Install these soundproof partition walls at your premises, reducing your external noise to 38dB – 45dB.

- Office & Shop houses
- Schools / Education Centers
- HDB apartments / Landed Properties

Depending on your primary usage, we can customize the track mechanism to your preference:

- Top Track Single / Double
- Top Track Horizontal / Vertical

Available Colors:



Top Track Double Rollers

## OTHER GLASS WORKS



Outdoor Polycarbonate Roofing



Automatic Sunshade / Awning




Shower Screen



Tempered Glass Staircase Railings

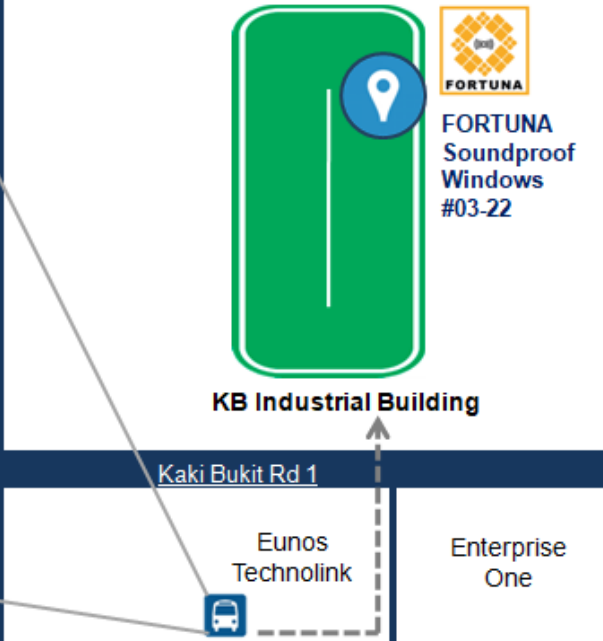




**Eunos Technolink**  
Stop ID: 71081

Buses

25	45	51
55	58	87
93	94	854
854E		




**KB Industrial Building**

Kaki Bukit Rd 1


Eunos Technolink

Enterprise One


Eunos Link



ComfortDelGro Driving Centre



HONDA TOYOTA NISSAN



POSB OCBC




## FORTUNA SOUNDPROOF WINDOWS

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