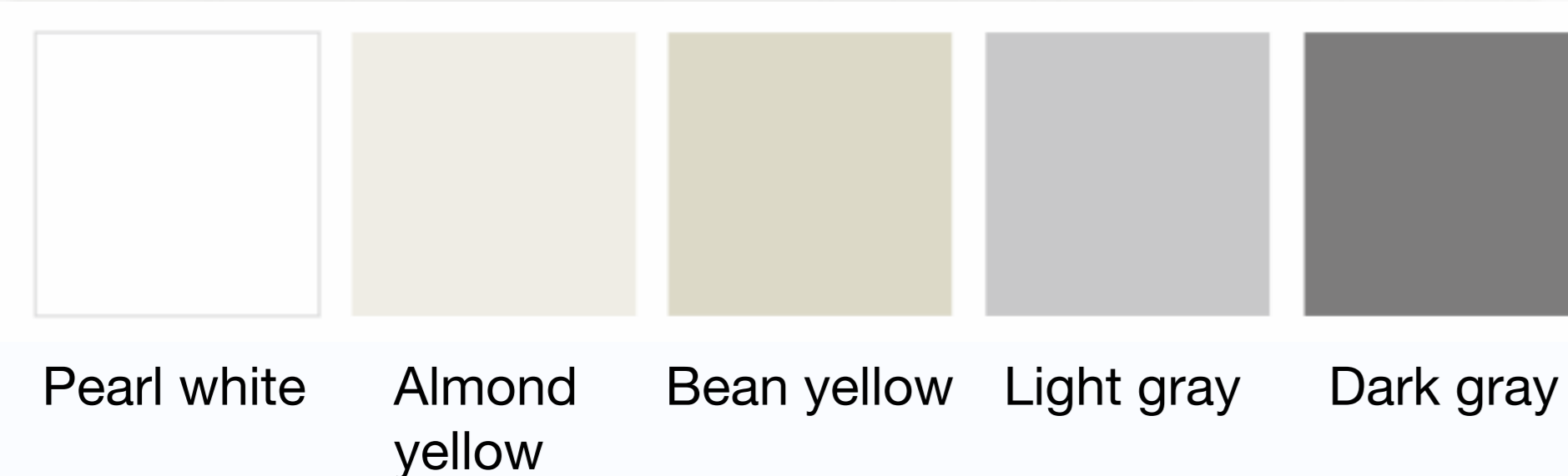




# EVO ACOUSTIC DOORS



# G50M Residence Acoustic Door



**Application space:** Bedroom, study room, Kitchen, Toilet

**Product features:** Professional 50mm thick soundproof door page, patented elastic door frame, fire resistant sound insulation core board, thermal expansion smoke-proof airtight strip, automatic sound barrier, 3D invisible hinge, silent door lock.

**Environmental protection:** E0 standard

**Finish:** Water-base paint

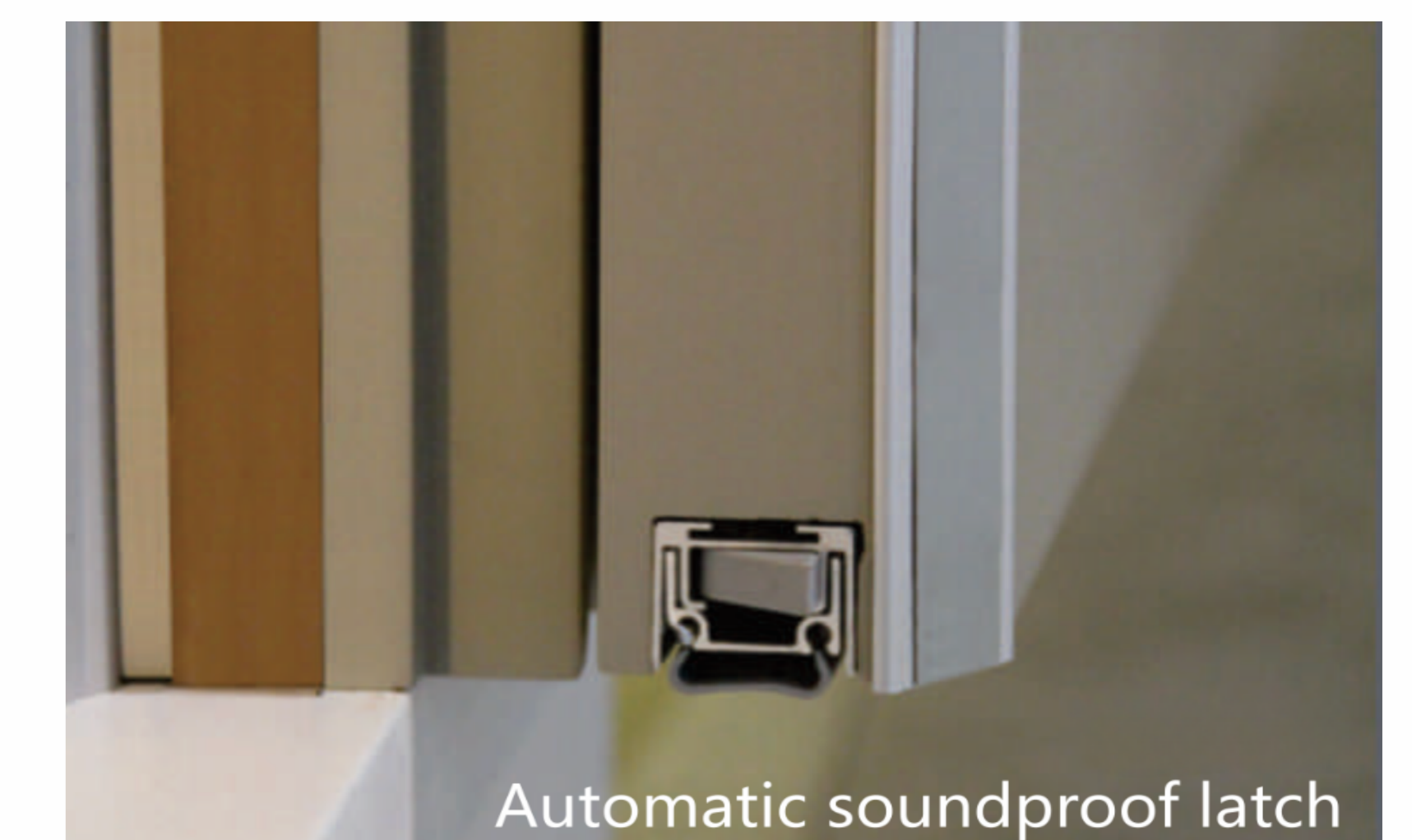
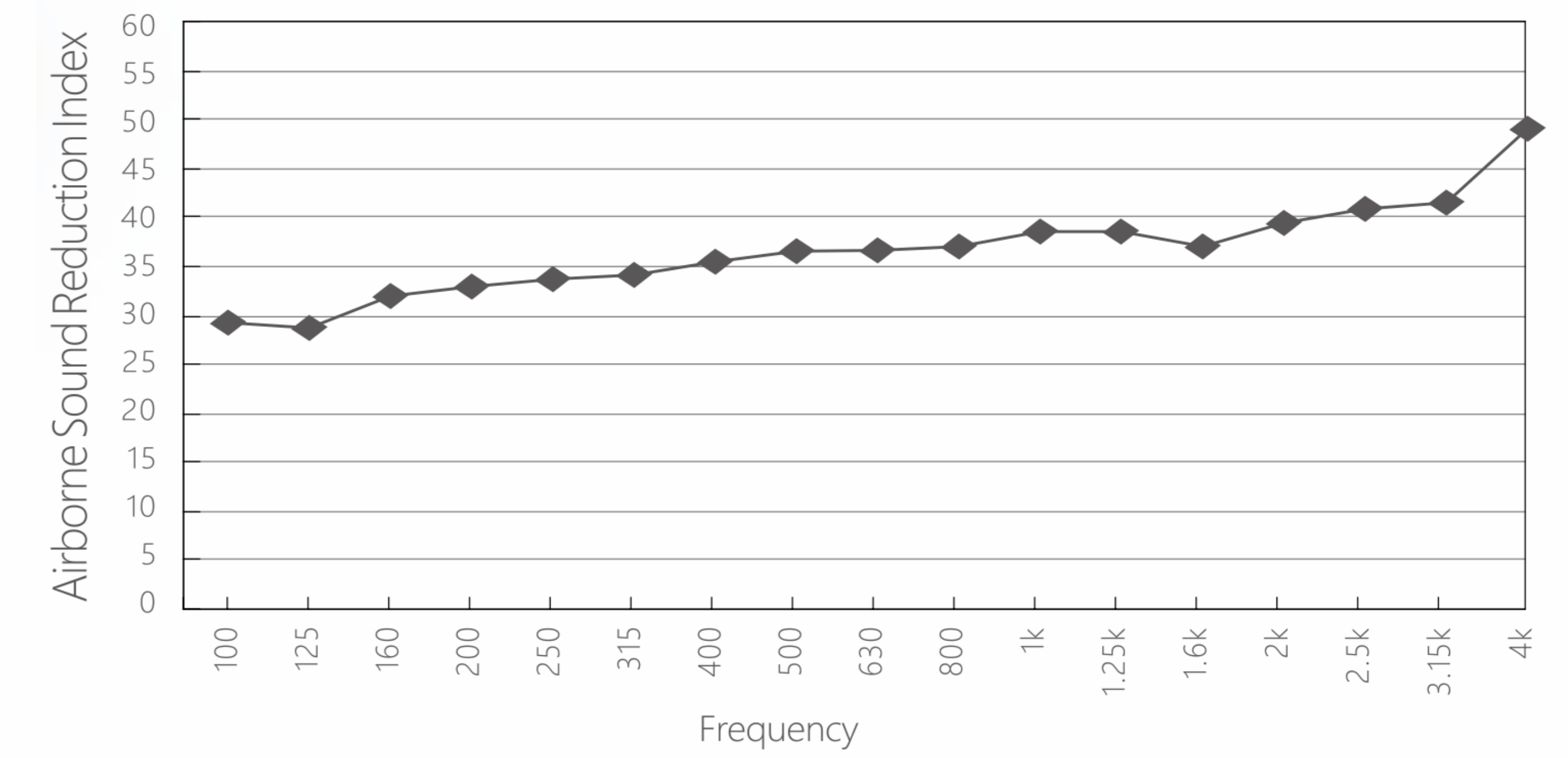
**Standard size:** H2200 \* W900 \* D120/245mm (Applicable door opening size+10mm)

**Viewable size:** H2165 \* W842 \* D50mm

**Weight:** Gross weight ~ 105kg, door page ~ 57kg, door frame ~ 20kg

**Sound insulation coefficient:** STC 38dB (+/- 2)

**Note:** STC is a lab result.



## Silent sound insulation technology

The new technology and material obtained excellent STC in the testing lab. The results showed high consistency of sound insulation performance. The thermal-magnetic damping sealing and silent door lock increases sound insulation coefficient while effectively reduces the noise from the page collision and lock mechanism when switching.

## Smoke prevention and suppression technology

The first 30 minutes in fire disaster is the golden time for evacuation. The fire resistant sound insulation core board and thermal expansion smoke-proof air tight strip, secure safe space and allow time for escape.



# G50MP Residence Acoustic Door



**Application space:** Bedroom, study room, Kitchen, Toilet

**Product features:** Reinforced 50mm thick soundproof door page, patented elastic door frame, fire resistant sound-proof core board, thermal expansion smoke-proof airtight strip, automatic sound barrier, 3D invisible hinge, silent door lock.

**Environmental protection:** E0 standard

**Finish:** Water-base paint / Unpainted wood veneer

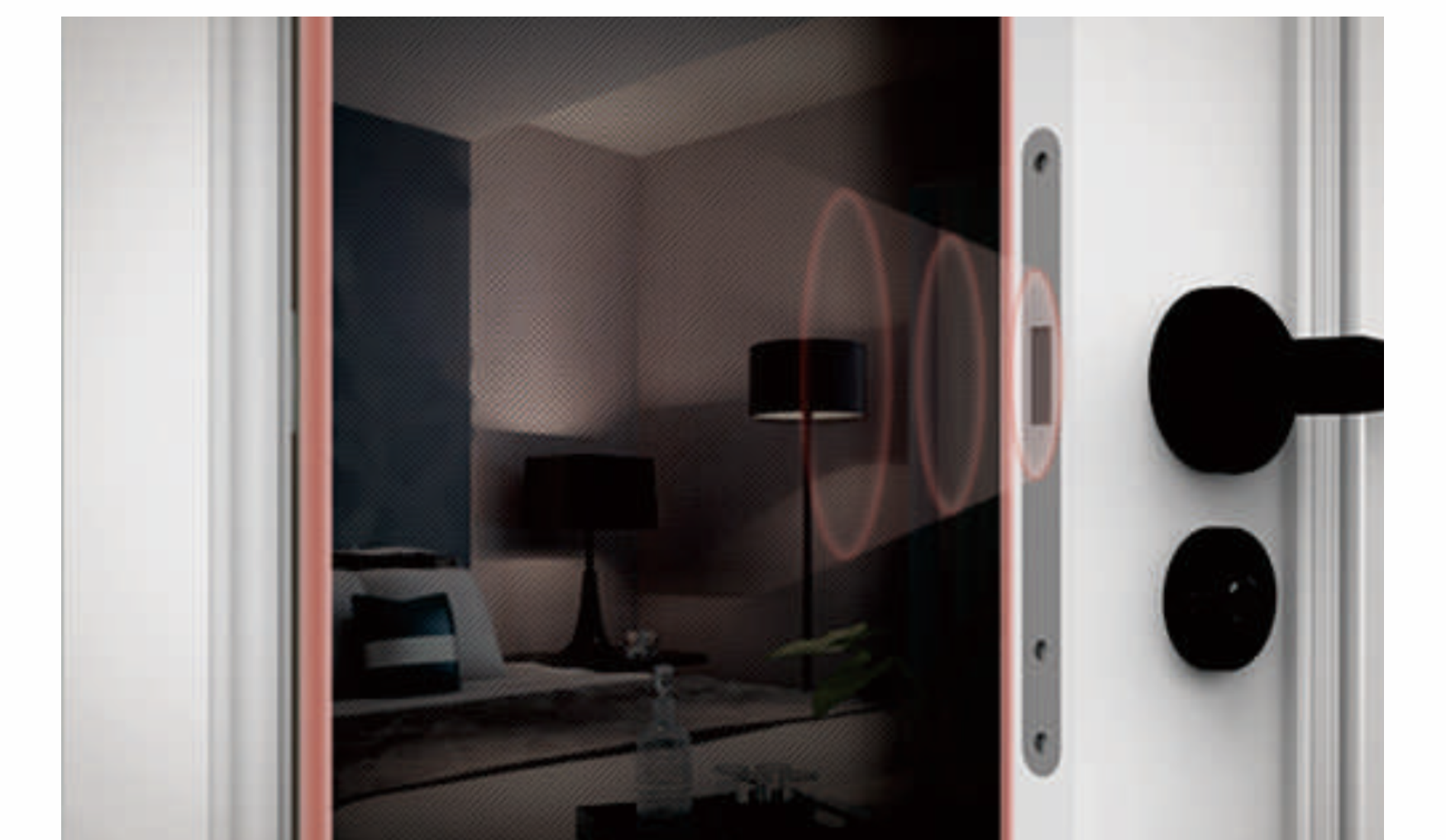
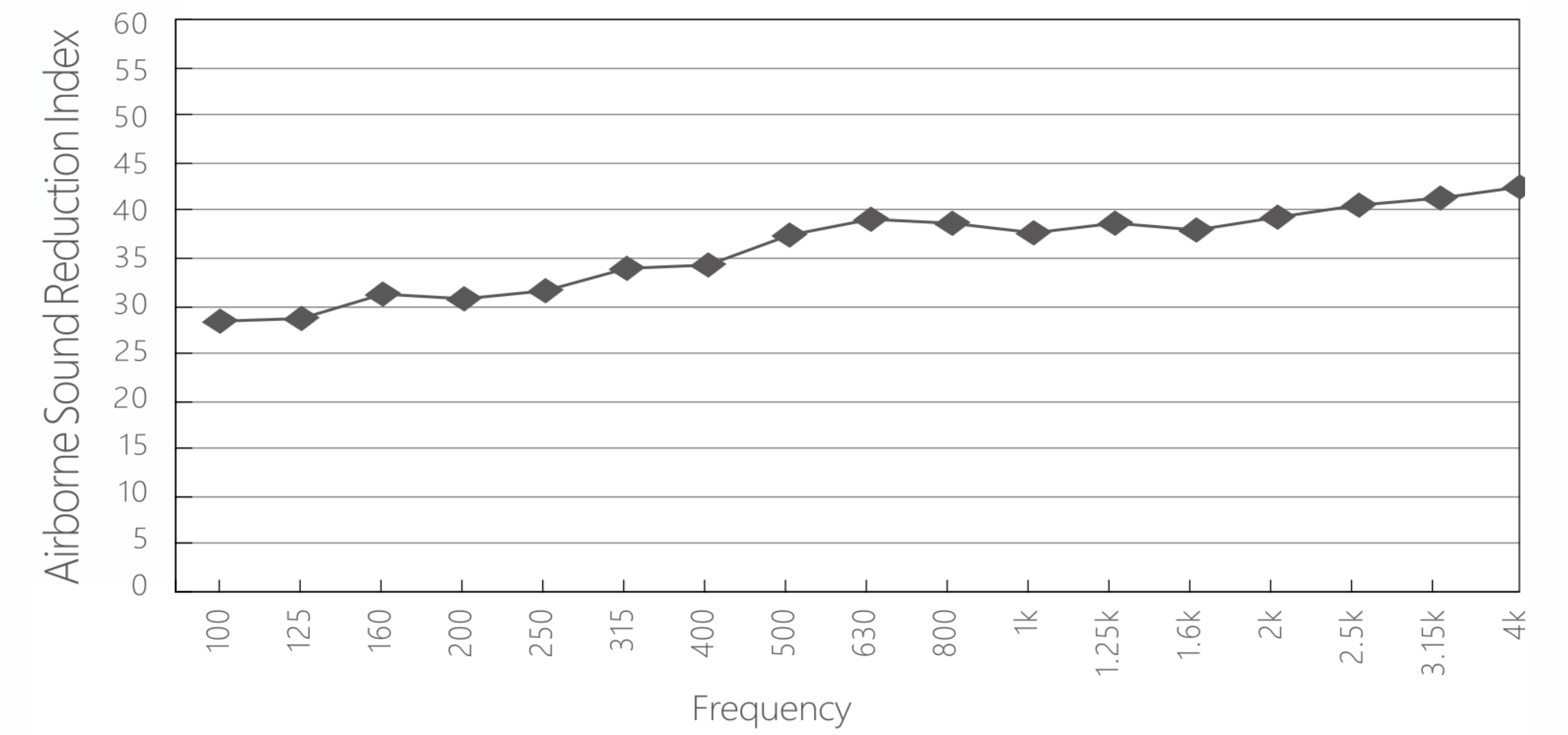
**Standard size:** H2200 \* W900 \* D120/245mm (Applicable door opening size+10mm)

**Viewable size:** H2165 \* W842 \* D50mm

**Weight:** Gross weight ~ 104kg, door page ~ 56kg, door frame ~ 20kg

**Sound insulation coefficient:** STC 38dB (+/- 2)

**Note:** STC is a lab result.



## Elastic door frame technology

This patented elastic door frame technology enables flexible adjustable door framing (120 - 240mm).

## Smoke prevention and suppression technology

The first 30 minutes in fire disaster is the golden time for evacuation. The fire resistant sound insulation core board and thermal expansion smoke-proof air tight strip, secure safe space and allow time for escape.





# G50MX Residence Acoustic Door



**Application space:** Private theater, HIFI room, Piano room

**Product features:** Professional 50mm thick soundproof door page, patented elastic door frame, fire resistant sound insulation core board, thermal expansion smoke-proof airtight strip, automatic sound barrier, 3D invisible hinge, silent door lock.

**Environmental protection:** E0 standard

**Finish:** Water-base paint

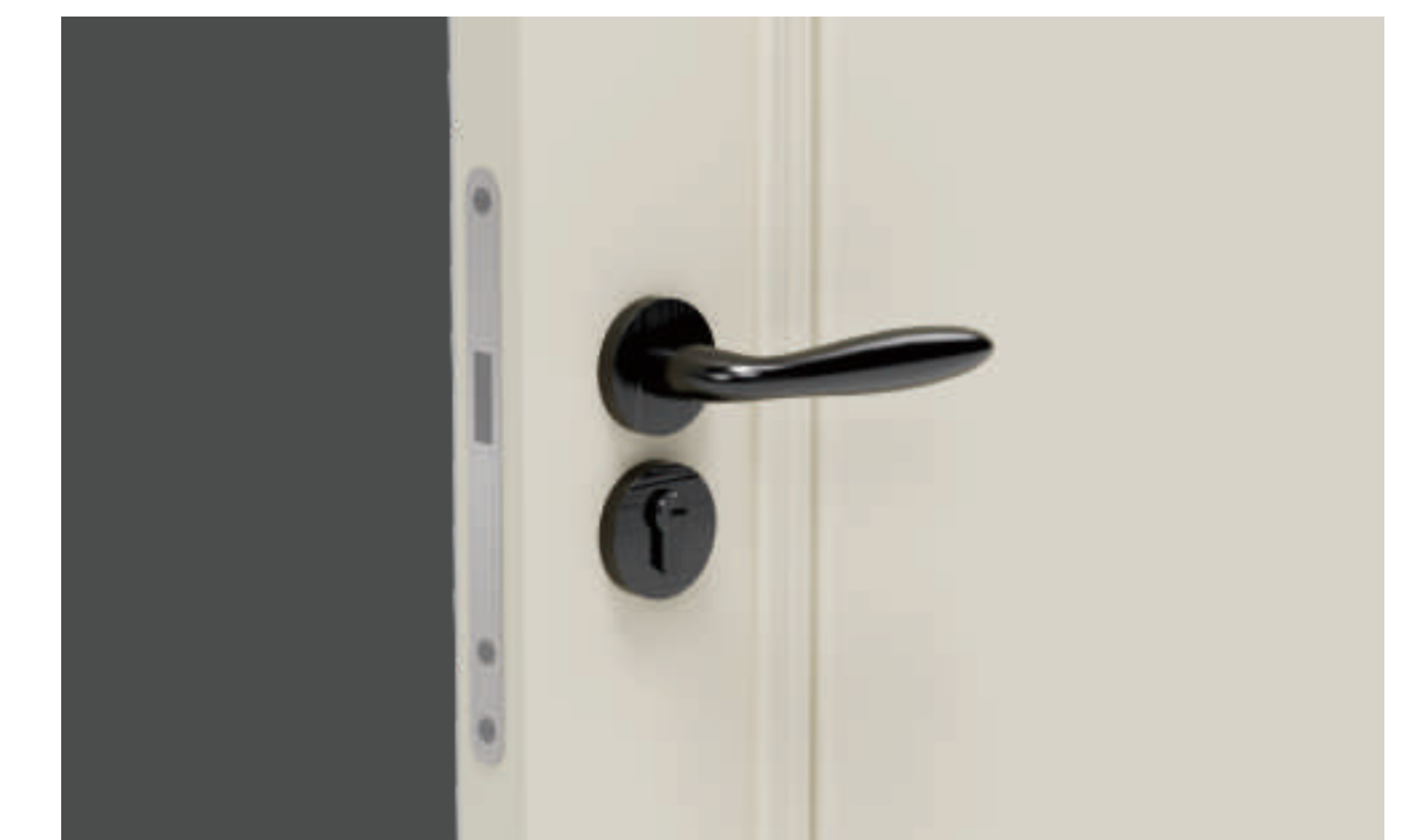
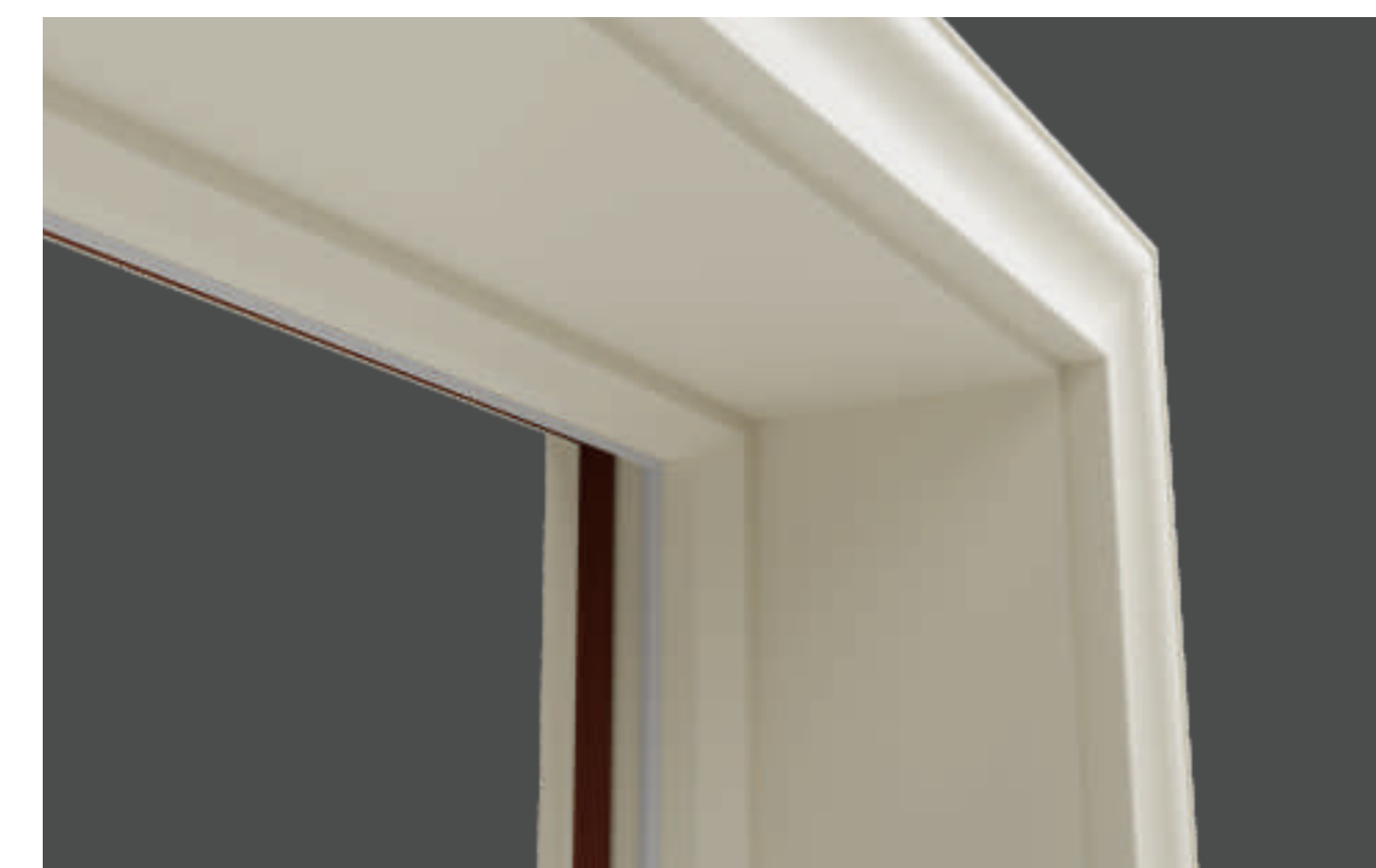
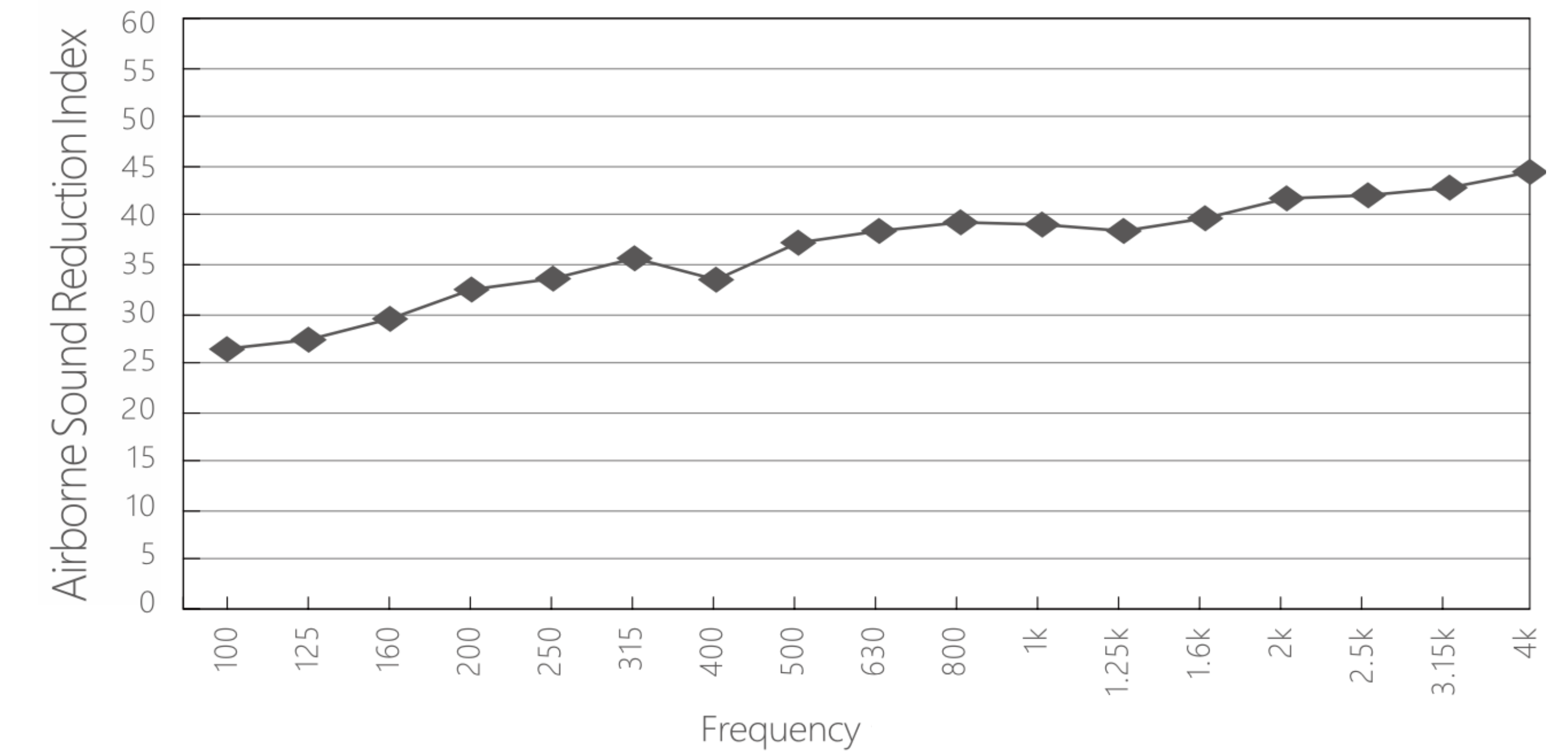
**Standard size:** H2200 \* W900 \* D120/245mm (Applicable door opening size+10mm)

**Viewable size:** H2165 \* W842 \* D50mm

**Weight:** Gross weight ~ 106kg, door page ~ 58kg, door frame ~ 20kg

**Sound insulation coefficient:** STC 39dB (+/- 2)

**Note:** STC is a lab result.



## Silent sound insulation technology

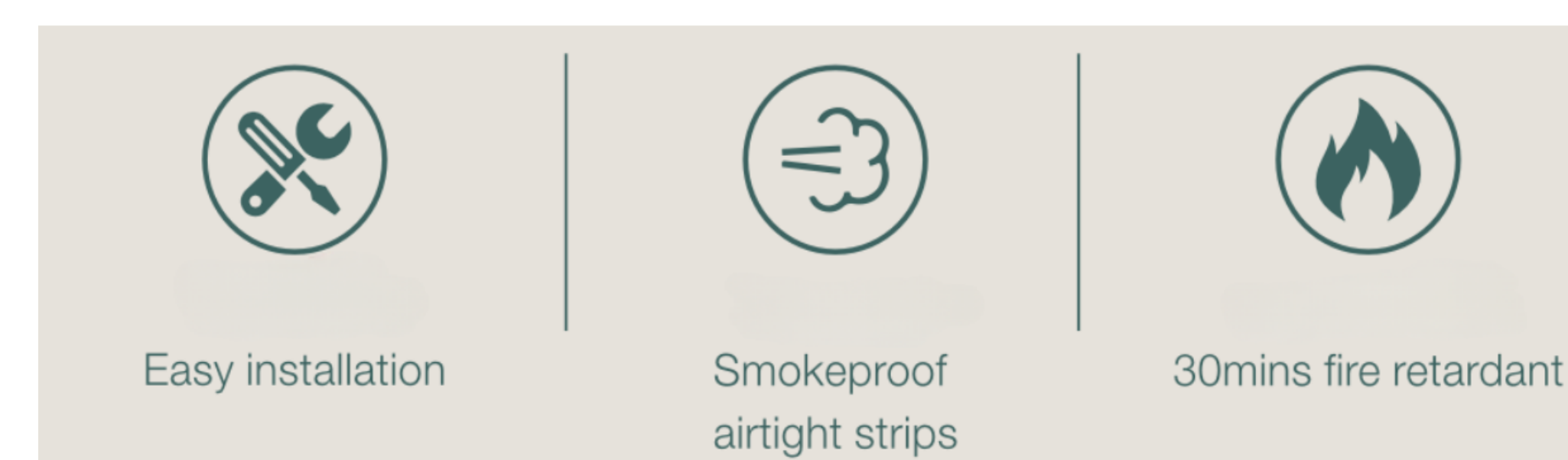
The new technology and material obtained excellent STC in the testing lab.

The results showed high consistency of sound insulation performance.

The thermal-magnetic damping sealing and silent door lock increases sound insulation coefficient while effectively reduces the noise from the page collision and lock mechanism when switching.

## Thin door leaf design

A multi-layer unequal materials, thickness and density provide superior sound insulation without it being on the expense of the door page thickness.





# G50MPX Commercial Acoustic Door



**Application space:** Private theater, HIFI room, Studio, Piano room

**Product features:** Professional 50mm thick soundproof door page, patented elastic door frame, fire resistant sound insulation core board, thermal expansion smoke-proof airtight strip, diagonal magnetic sound insulation adhesive strip, fixed sound barrier, 3D invisible hinge silent door lock.

**Environmental protection:** E0 standard

**Finish:** Water-base paint / Unpainted wood veneer

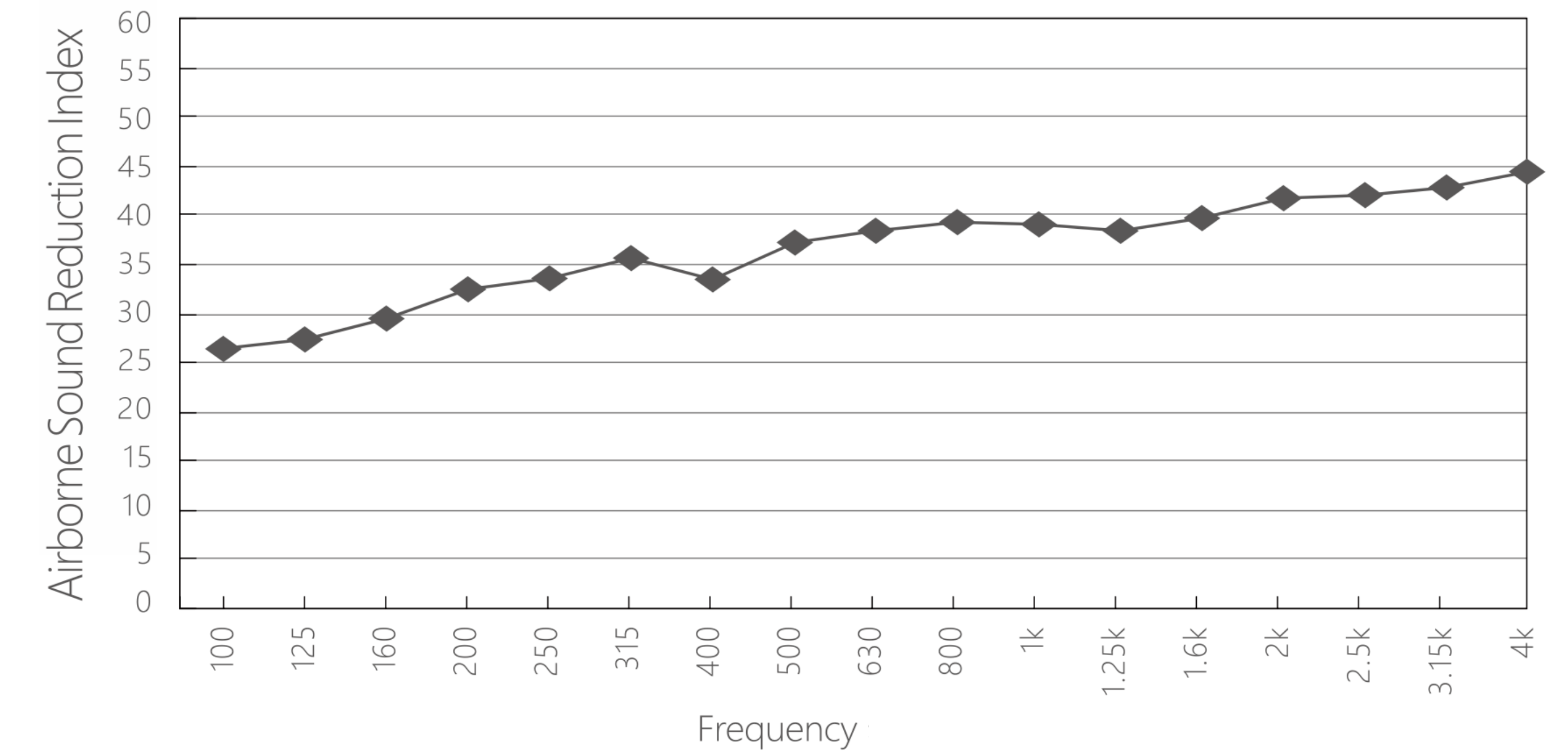
**Standard size:** H2200 \* W900 \* D120/245mm (Applicable door opening size+10mm)

**Viewable size:** H2165 \* W842 \* D50mm

**Weight:** Gross weight ~ 105kg, door page ~ 57kg, door frame ~ 20kg

**Sound insulation coefficient:** STC 39dB (+/- 2)

**Note:** STC is a lab result.



## Elastic door frame technology

Complying with the Luban Chi rules, this patented elastic door frame technology enables flexible adjustable door framing (120 - 240mm).

## Silent lock

The silent lock simplifies the traditional complex hardware structure; The magnetic suction lock tongue senses and expands to avoid mechanical contact with the door frame, ensuring that there is no structural collision noise during the unlocking process.





# G50S Commercial Acoustic Door



**Application space:** Music room, Live broadcast, Classroom, Piano room

**Product features:** Professional 50mm thick soundproof door page, patented elastic door frame, fire resistant sound insulation core board, thermal expansion smoke-proof airtight strip, diagonal magnetic sound insulation adhesive strip, automatic sound barrier, Rectangular soundproof observation window.

**Environmental protection:** E0 standard

**Finish:** Water-base paint / Stain and scratch resistant PP finishing

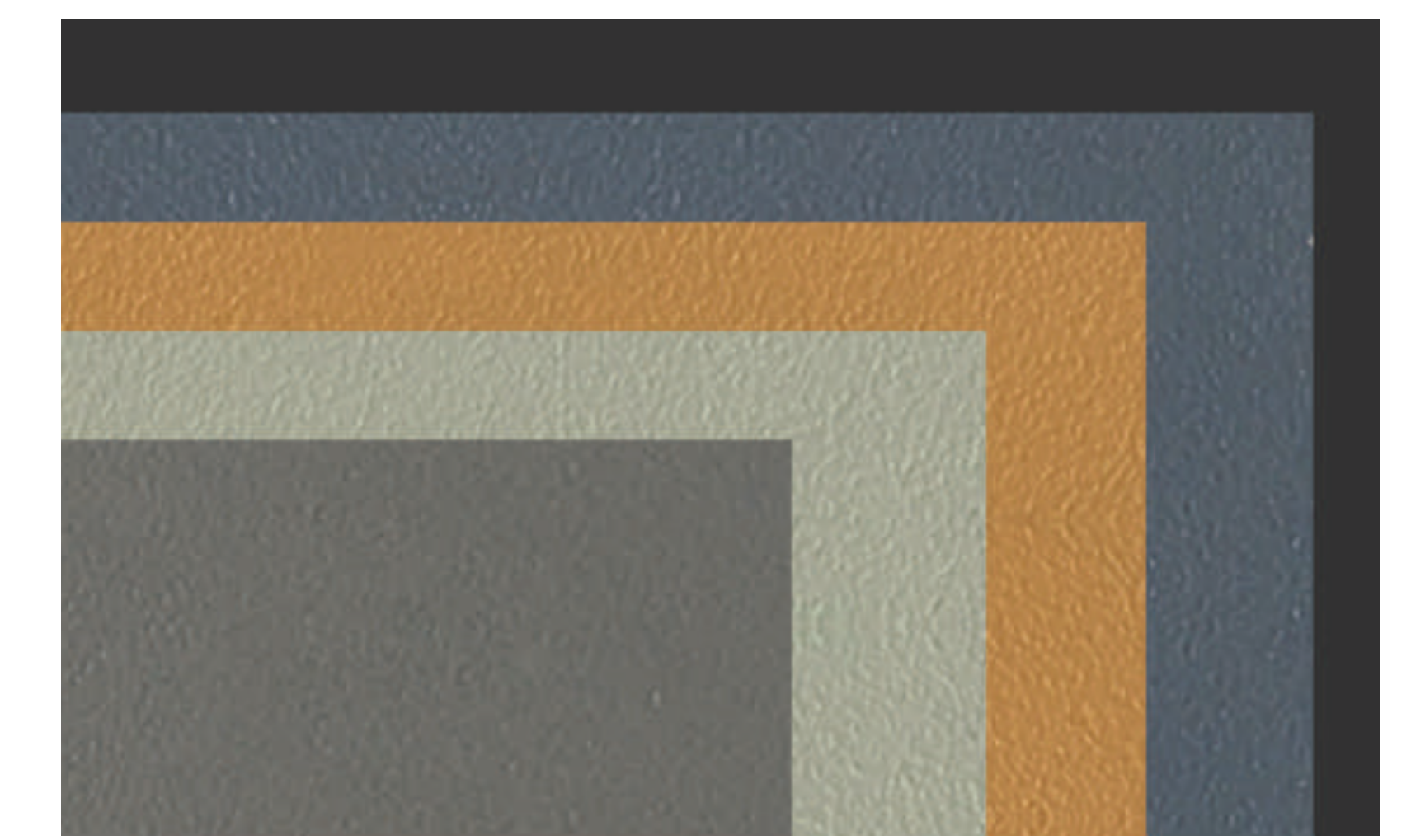
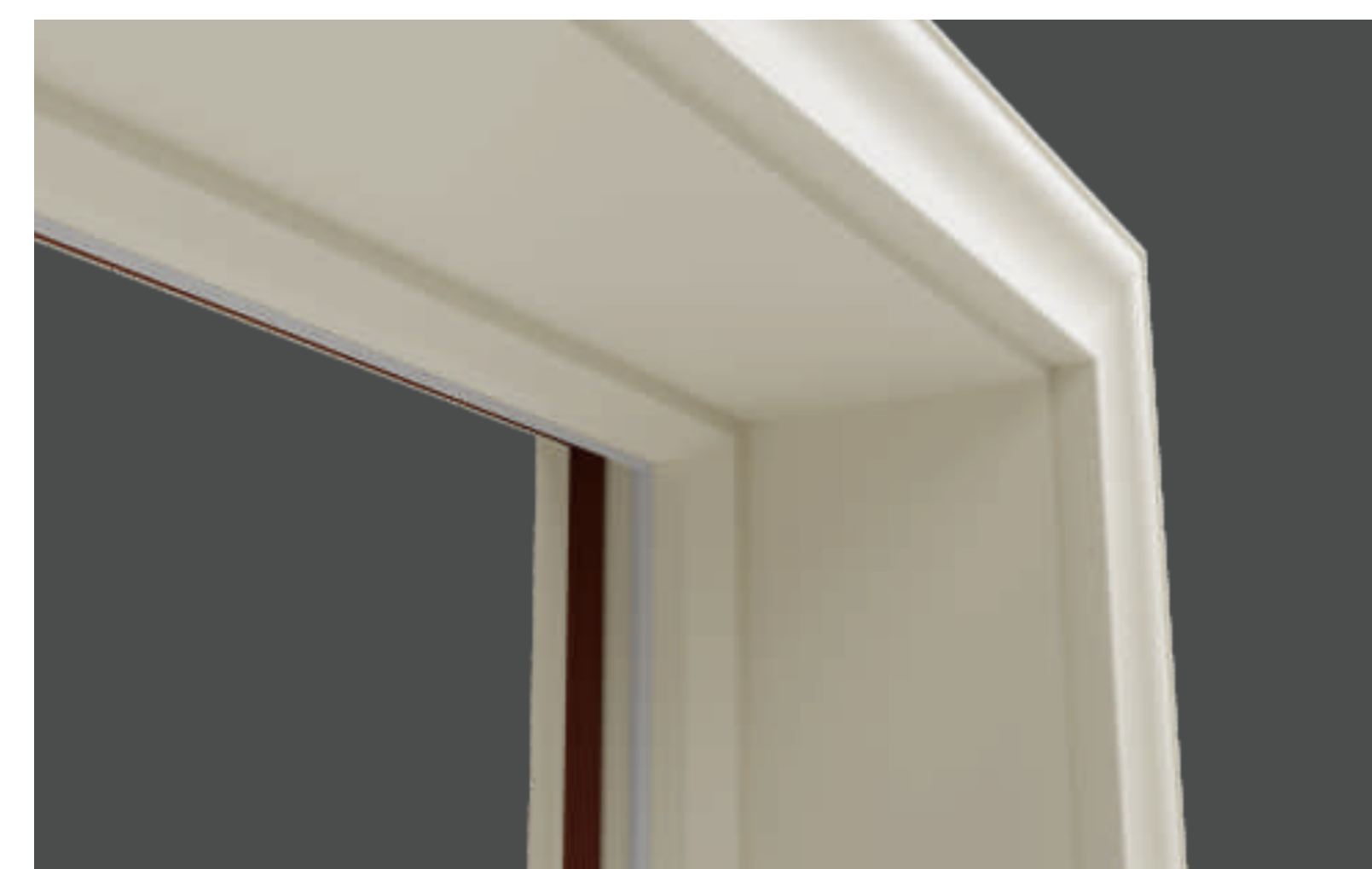
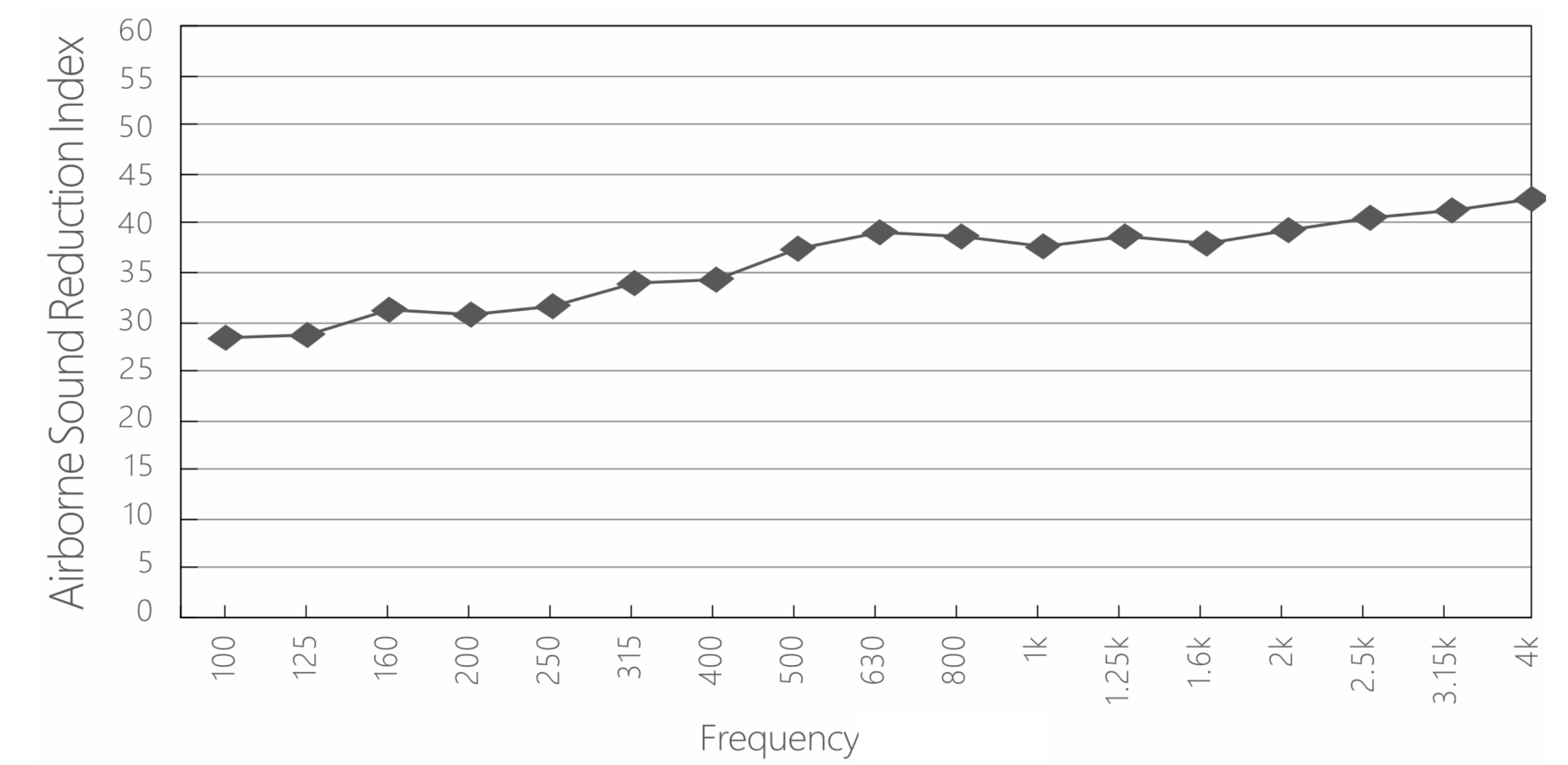
**Standard size:** H2200 \* W900 \* D120/245mm (Applicable door opening size+10mm)

**Viewable size:** H2165 \* W842 \* D50mm

**Weight:** Gross weight ~ 104kg, door page ~ 56kg, door frame ~ 20kg

**Sound insulation coefficient:** STC 38dB (+/- 2)

**Note:** STC is a lab result.



## Silent sound insulation technology

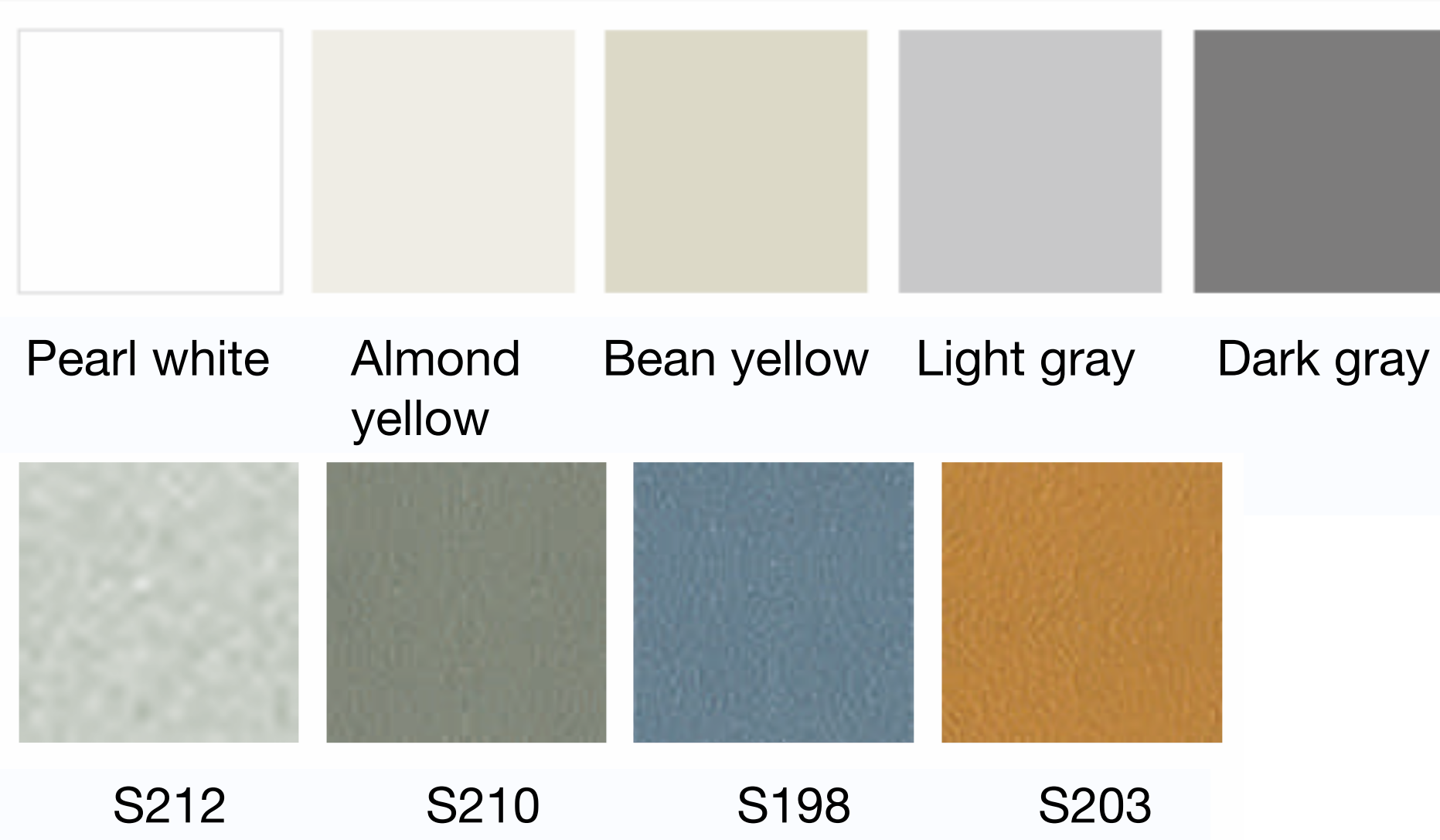
The new technology and material obtained excellent STC in the testing lab. The results showed high consistency of sound insulation performance. The thermal-magnetic damping sealing and silent door lock increases sound insulation coefficient while effectively reduces the noise from the page collision and lock mechanism when switching.

## Sound insulation observation window

Uni-body metal rectangular sound insulation observation window, with double layer vacuum polarization-proof toughened sound insulation glass, provides good sound insulation and nice appearance.

## Stain and scratch resistant PP finishing

The first acoustic door using a South Korean PP finishing, anti-pollution, anti-friction, no color difference, fireproof, moisture-proof, anti-UV, multicolor selection, can be easily integrated into different spaces.





# G60S Commercial Acoustic Door



**Application space:** Broadcasting room, Drum room, Private theater.

**Product features:** Professional 60mm thick soundproof door page, patented elastic door frame, fire resistant sound insulation core board, thermal expansion smoke-proof airtight strip, 3D invisible hinge, double-stage sound insulation and airtight design, airtight lock, fixed sound barrier, Round soundproof observation window.

**Environmental protection:** E0 standard

**Finish:** Water-base paint / Stain and scratch resistant PP finishing

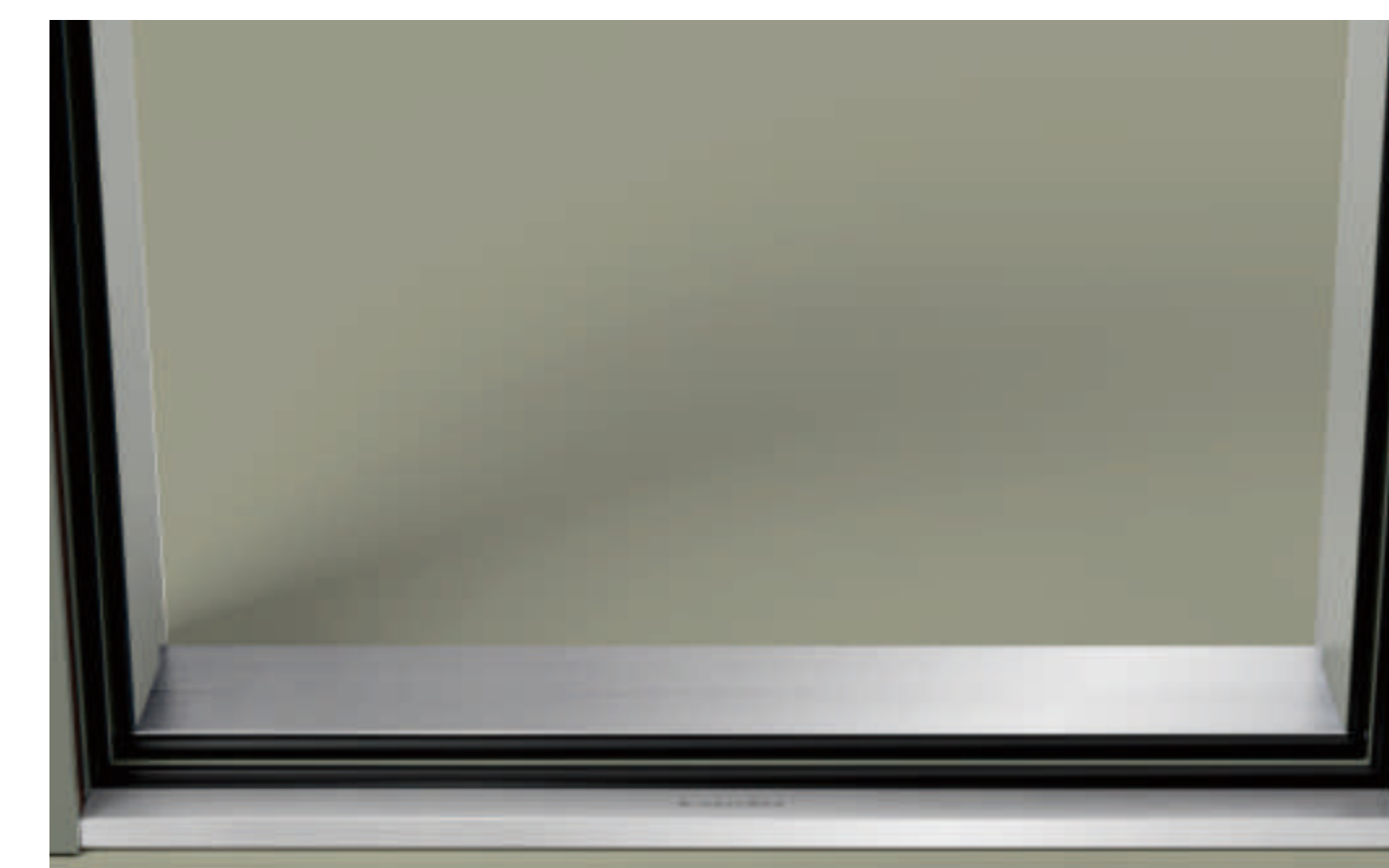
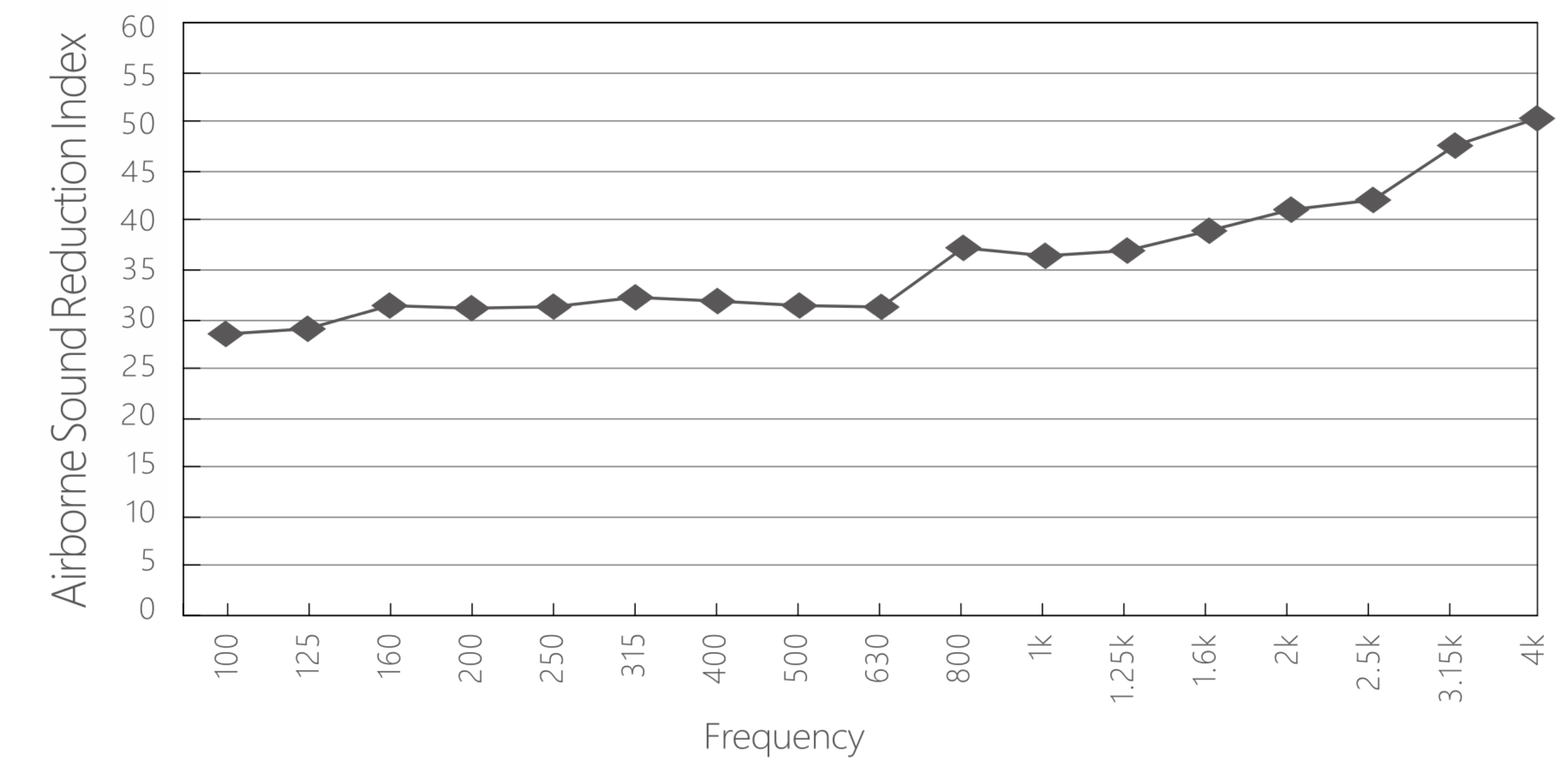
**Standard size:** H2200 \* W900 \* D180/430mm (Applicable door opening size+10mm)

**Viewable size:** H2141 \* W826 \* D60mm

**Weight:** Gross weight ~ 151kg, door page ~ 68kg, door frame ~ 55kg

**Sound insulation coefficient:** STC 40dB (+/- 2)

**Note:** STC is a lab result.



## Airtight lock

An airtight lock is an effective component for enhancing the airtightness of soundproof doors. Using airtight locks may increase sound insulation by 1-2dB.

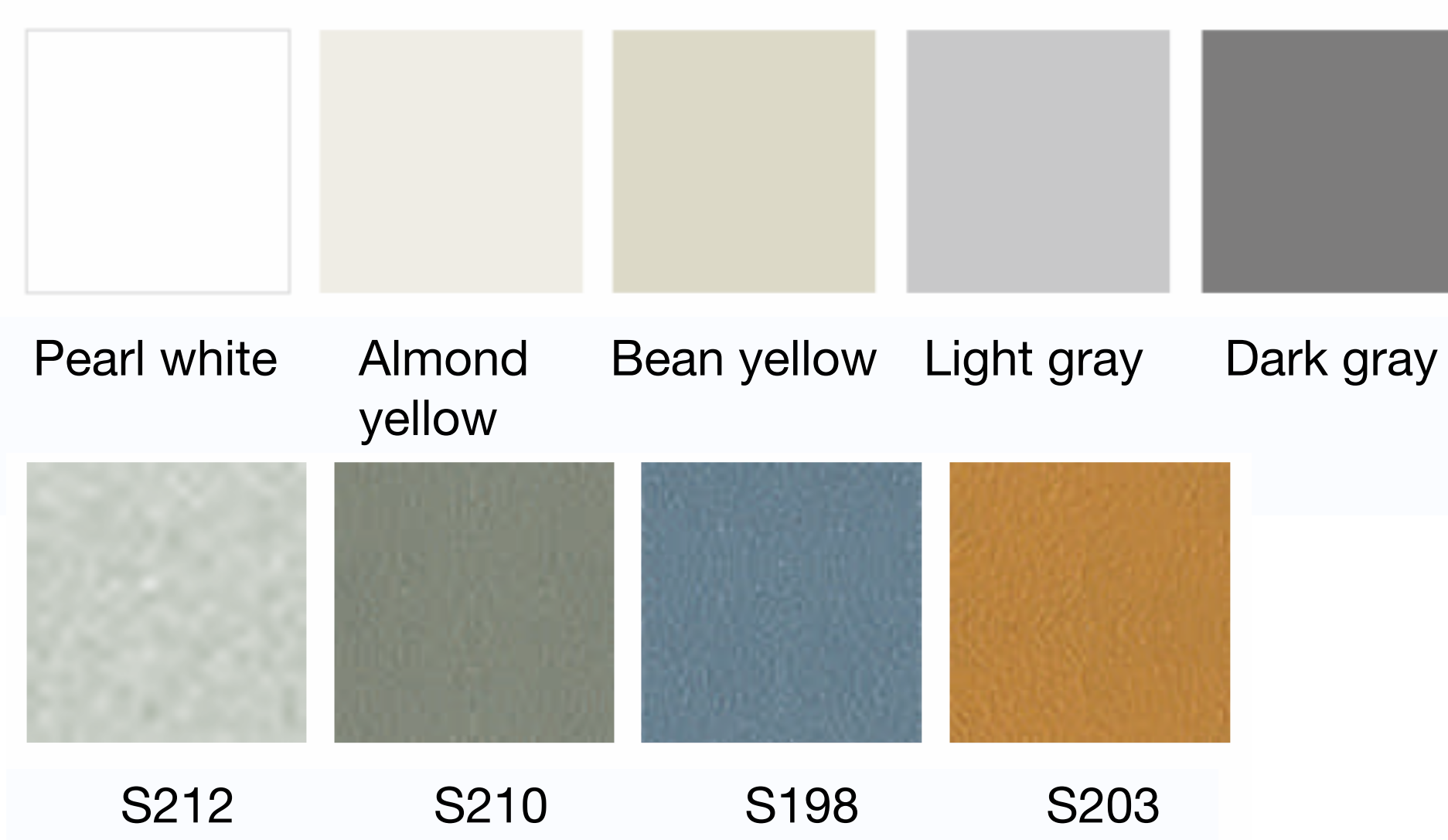
## Fixed sound barrier

Ultra thin threshold type fixed sound gate, double-layer airtight rubber strip to block sound leakage, effectively improving the air sound insulation of the door. The stainless steel wrapped threshold design is wear-resistant and easy to clean.





# G65S Commercial Acoustic Door



**Application space:** Broadcasting room, Drum room, Recording studio etc..

**Product features:** Professional 65mm thick soundproof door page, patented elastic door frame, fire resistant sound insulation core board, thermal expansion smoke-proof airtight strip, German style hinge, double-stage sound insulation and airtight design, fixed sound barrier, Round soundproof observation window.

**Environmental protection:** E0 standard

**Finish:** Water-base paint / Stain and scratch resistant PP finishing

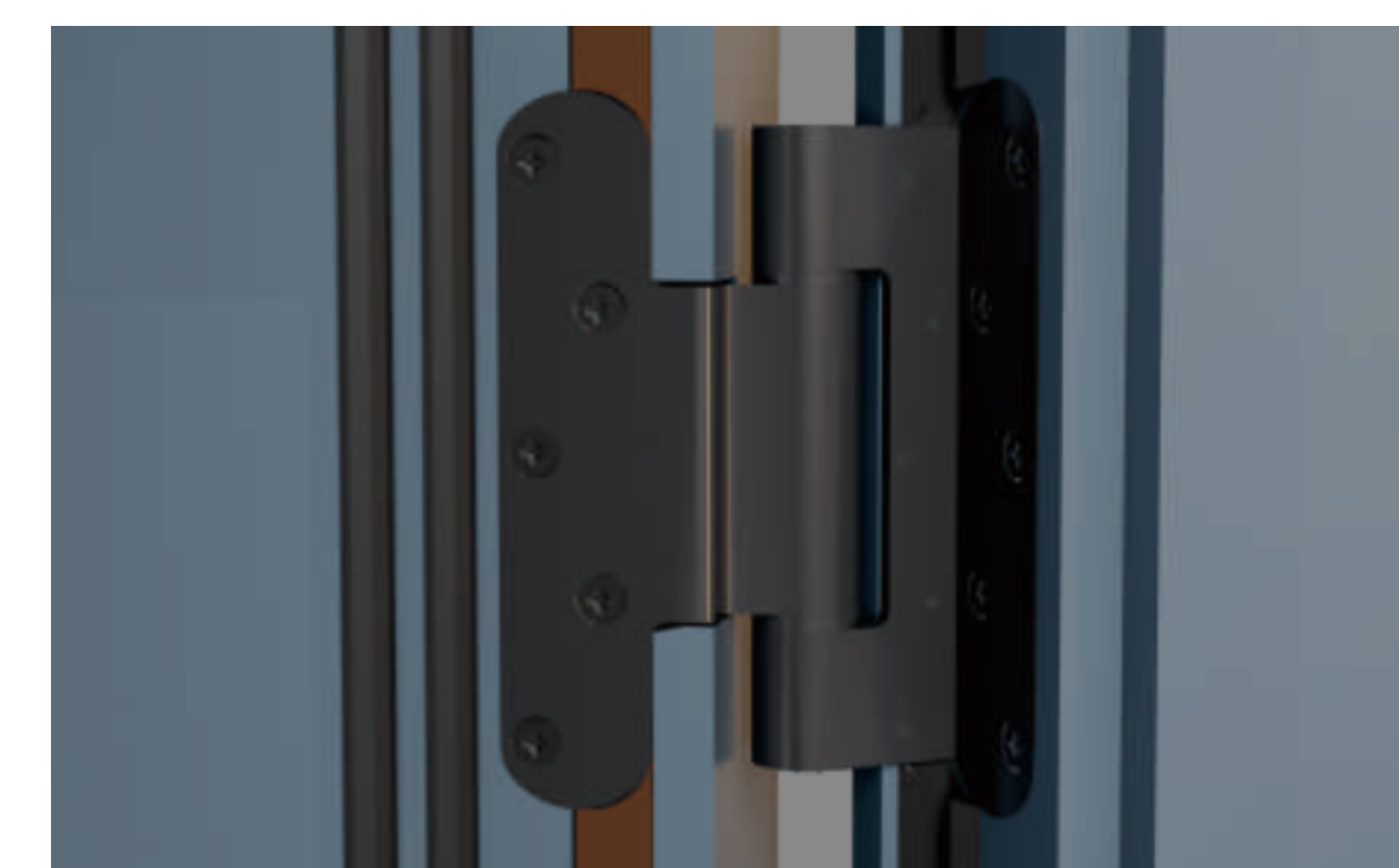
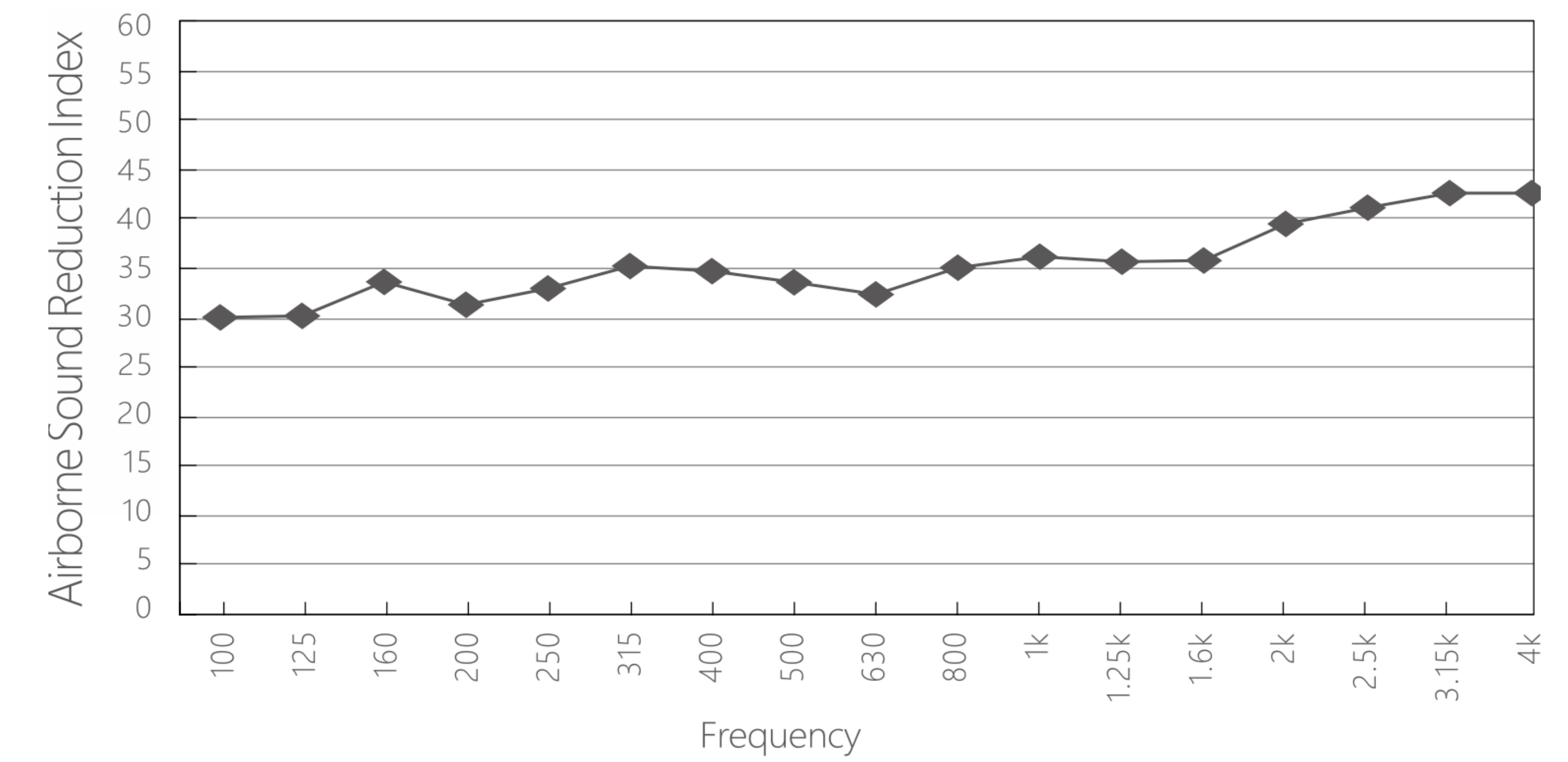
**Standard size:** H2200 \* W900 \* D160/410mm (Applicable door opening size+10mm)

**Viewable size:** H2173 \* W858 \* D65mm

**Weight:** Gross weight ~ 157kg, door page ~ 75kg, door frame ~ 54kg

**Sound insulation coefficient:** STC 42dB (+/- 2)

**Note:** STC is a lab result.



## Seamlessly accessible

A double-step and cover-style seamless design. The structure is more solid and firm and the appearance is more novel.

## German-style hinge

The German load-bearing hinge is made of 201 stainless steel material, treated with alternating cold and hot processes. It has a small volume, large load. shallow installation grooves and low friction coefficient of needle roller bearing, providing smoother movement and better support.

## Fixed sound barrier

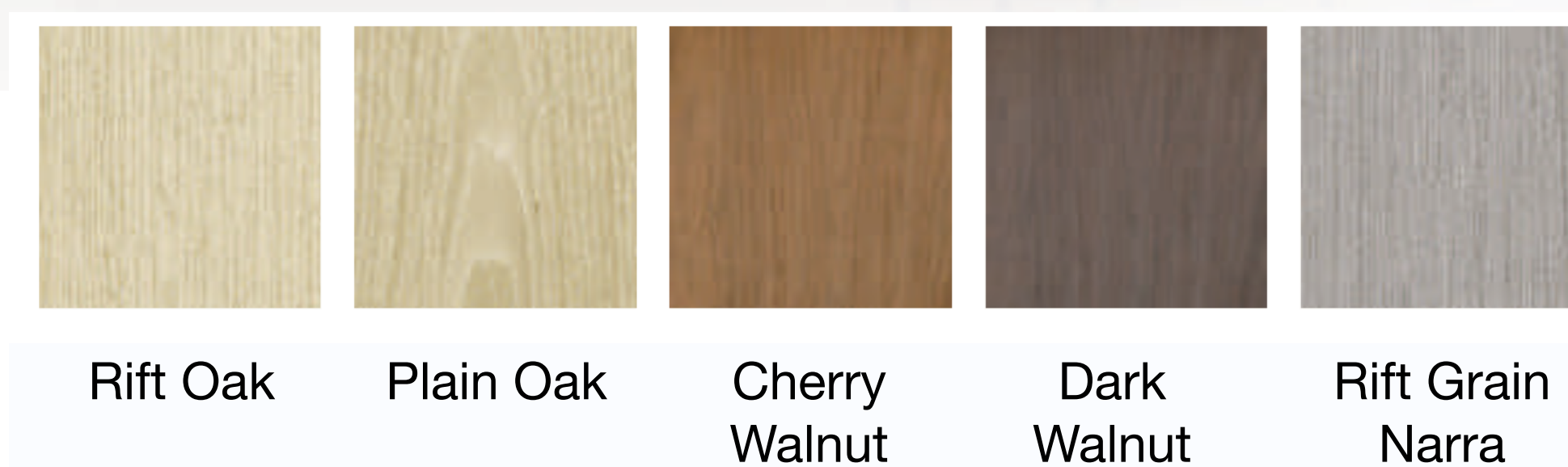
Ultra thin threshold type fixed sound gate, double-layer airtight rubber strip to block sound leakage, effectively improving the air sound insulation of the door.

The stainless steel wrapped threshold design is wear-resistant and easy to clean.





# G55J Project Acoustic Door



**Application space:** Star hotels, High-end real estate facilities, Office. Meeting room

**Product features:** Reinforced 55mm thick soundproof door page, fire resistant sound insulation core board, thermal expansion smoke-proof air tight strip, automatic sound barrier, diagonal magnetic sound insulation adhesive strip, **Hinge, lockset and door closer not included.**

**Environmental protection:** E0 standard

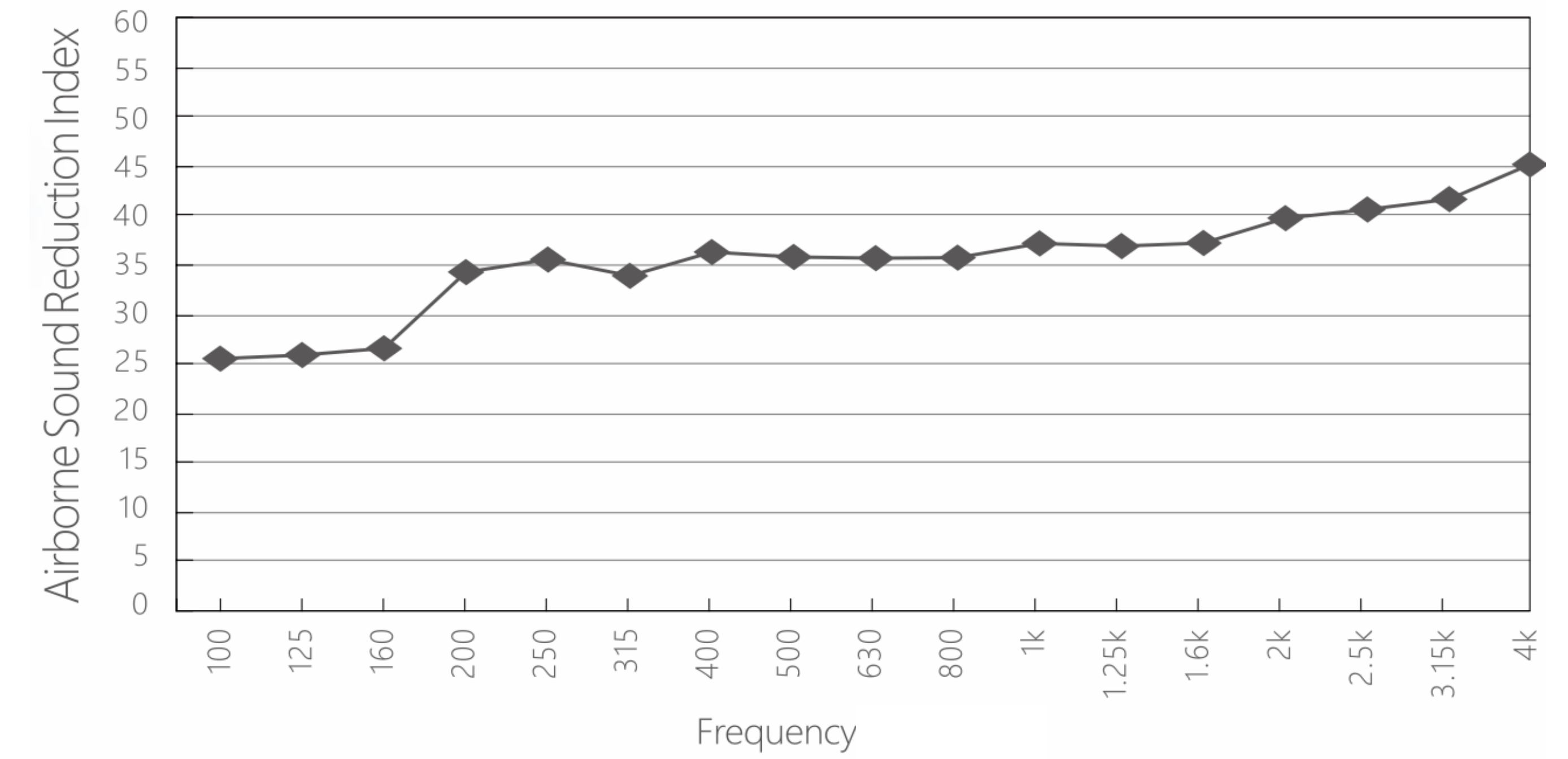
**Finish:** Unpainted wood veneer

**Standard size:** ~ H2350 \* W950 \* D250mm (Accept customization)

**Sound insulation coefficient:** STC 38dB (+/- 2)

**Note:** STC is a lab result.

**Customization:** Project acoustic door is customized base on required specification, finishing, appearance etc. Sound transmission coefficient of customized door is for reference only. **Door closer and lock are not included.** Lead time will be specified based on quantity and production schedule.

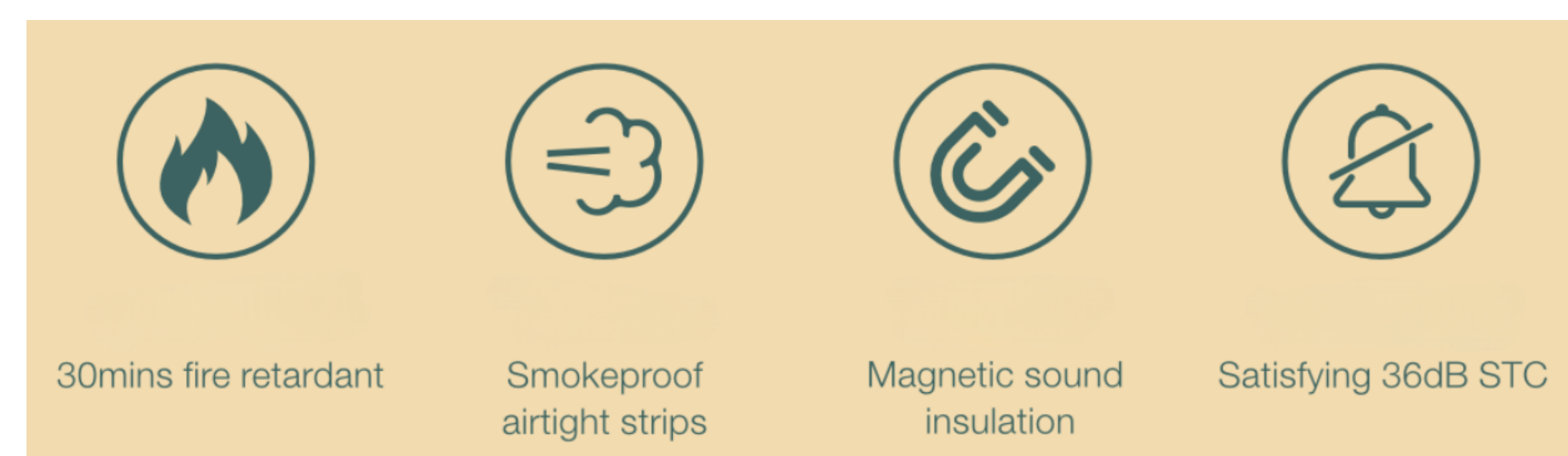


## Silent sound insulation technology

The new technology and material obtained excellent STC in the testing lab. The results showed high consistency of sound insulation performance. The thermal-magnetic damping sealing and silent door lock increases sound insulation coefficient while effectively reduces the noise from the page collision and lock mechanism when switching.

## Smoke prevention and suppression technology

The first 30 minutes in fire disaster is the golden time for evacuation. The fire resistant sound insulation core board and thermal expansion smoke-proof air tight strip, secure safe space and allow time for escape.



# G55Y Project Acoustic Door



S212

S207

BZ912

BZ910

**Application space:** Hospital, senior accommodation

**Product features:** Reinforced 55mm thick soundproof door page, fire resistant sound insulation core board, thermal expansion smoke-proof air tight strip, automatic sound barrier, diagonal magnetic sound insulation adhesive strip, **lockset and door closer not included.**

**Environmental protection:** E0 standard

**Finish:** Unpainted wood veneer / Stain and scratch resistant PP finishing / Skintouch finishing (mass customization)

**Standard size:** ~ H2200 \* W950 \* D125/250mm (Applicable door opening size+10mm)

**Sound insulation coefficient:** STC 38dB (+/- 2)

**Note:** STC is a lab result.

**Customization:** Project acoustic door is customized base on required specification, finishing, appearance etc.

Sound transmission coefficient of customized door is for reference only. **Door closer and lock are not included.**

**Lead time will be specified based on quantity and production schedule.**

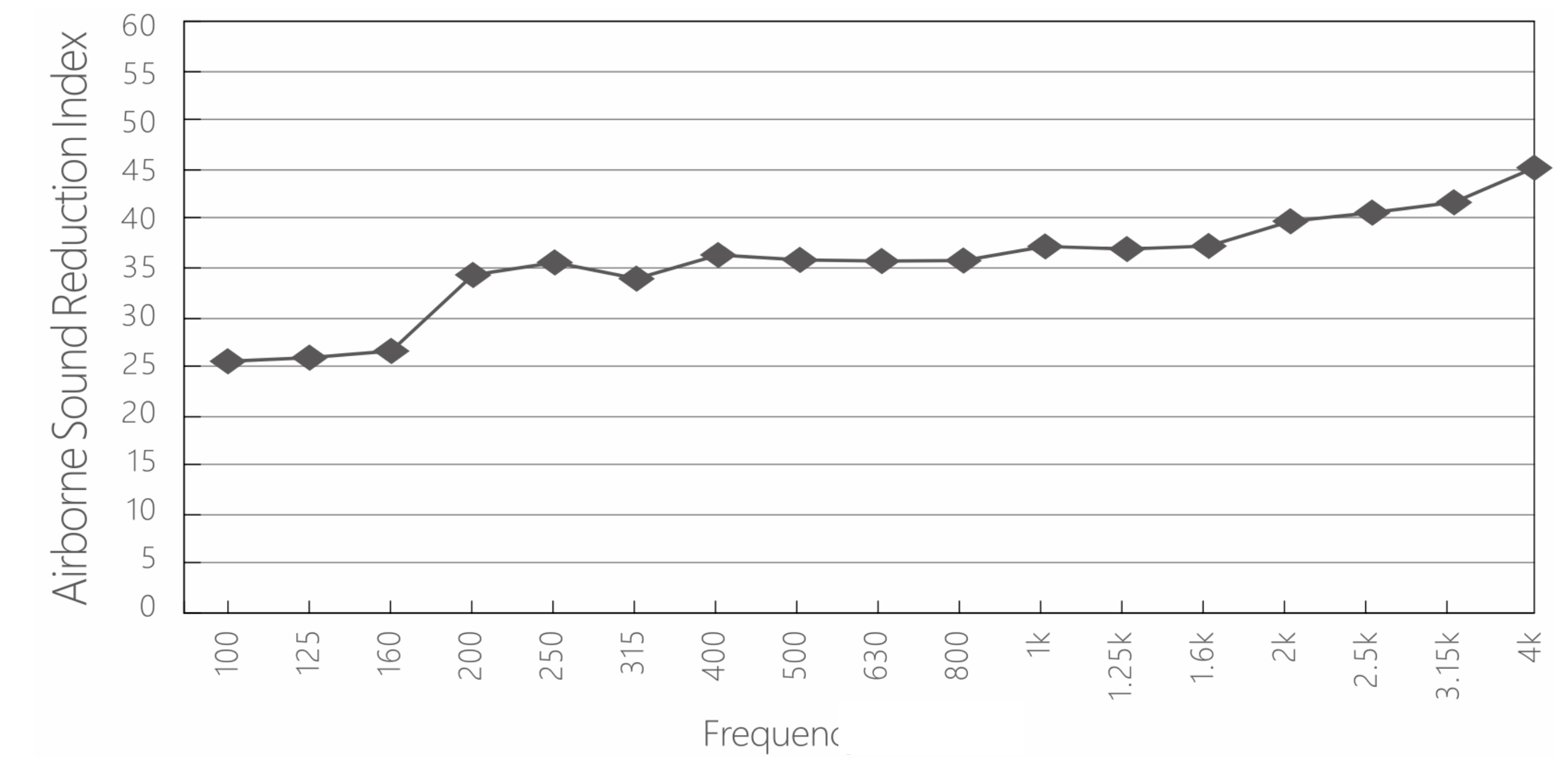


## Silent sound insulation system solution

The thermal-magnetic damping sealing tape increases sound transmission coefficient while effectively reduces the noise from door page collision.

## Sound insulation observation window

Uni-body metal rectangular sound insulation observation window, with double layer vacuum polarization-proof toughened sound insulation glass, provides good sound insulation and nice appearance.





# G55Y Project Acoustic Door (Entertainment)



**Application space:** KTV Nightclubs

**Product features:** Reinforced 55mm thick soundproof door page, fire resistant sound insulation core board, thermal expansion smoke-proof air tight strip, automatic sound barrier, lockset and door closer not included.

**Environmental protection:** E0 standard

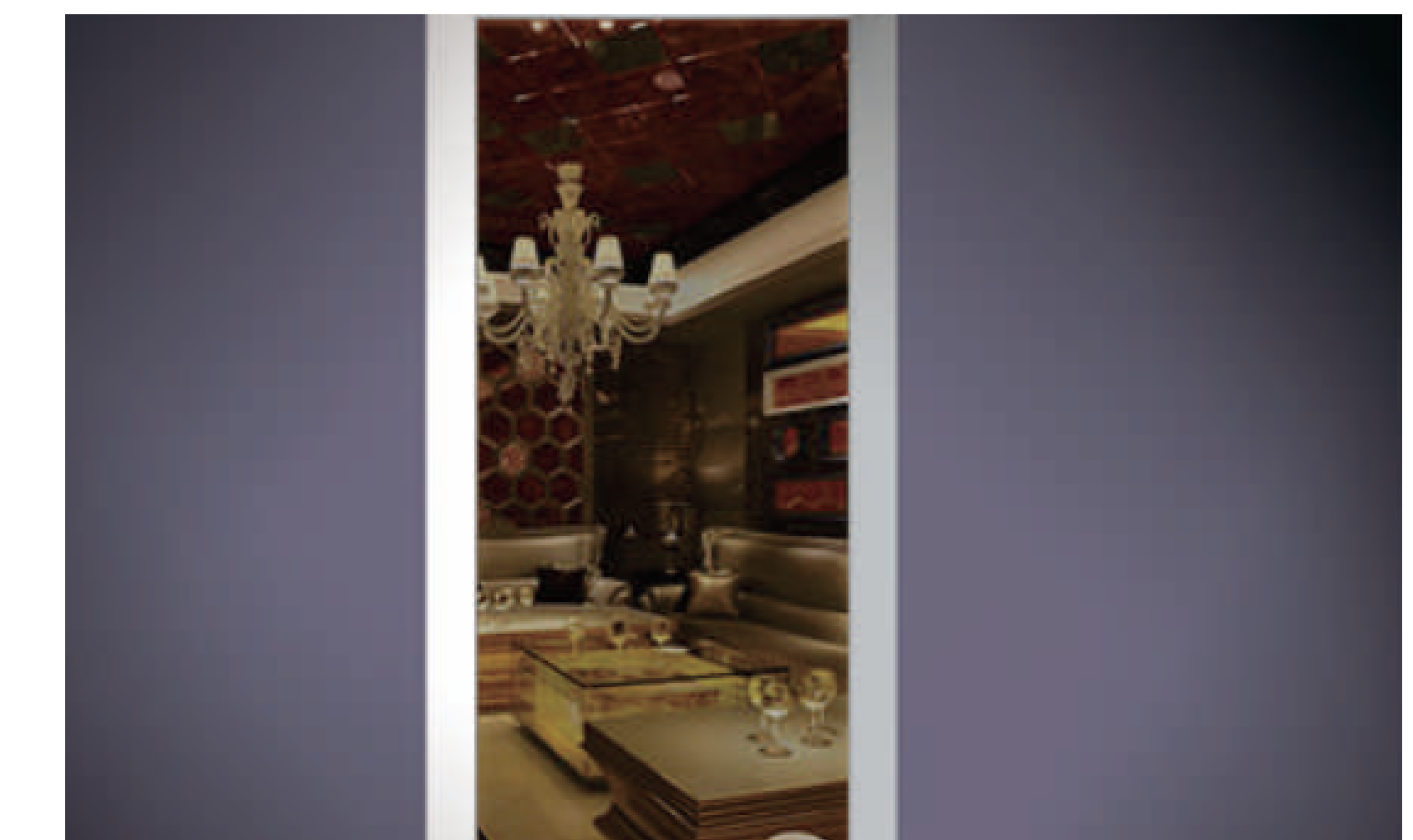
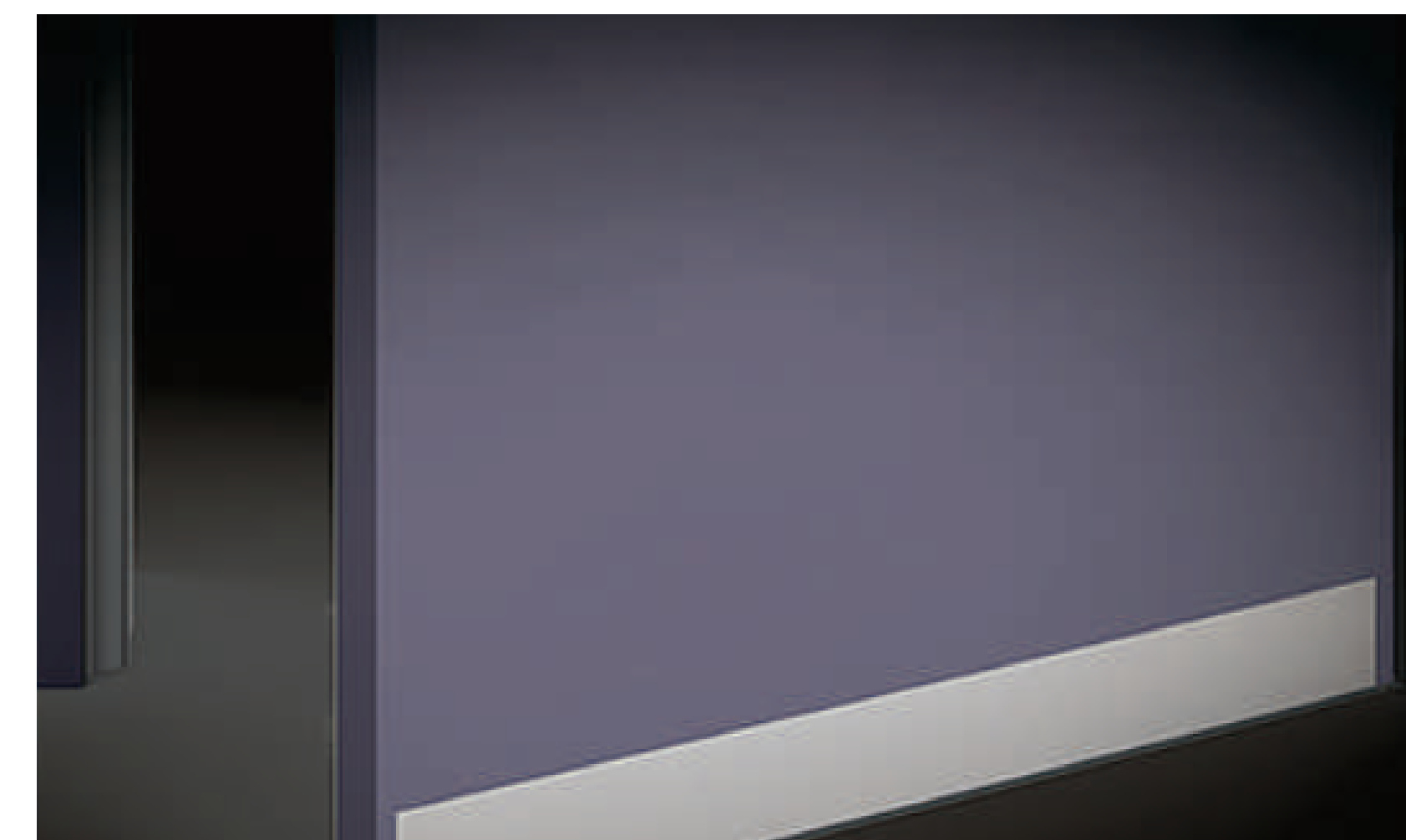
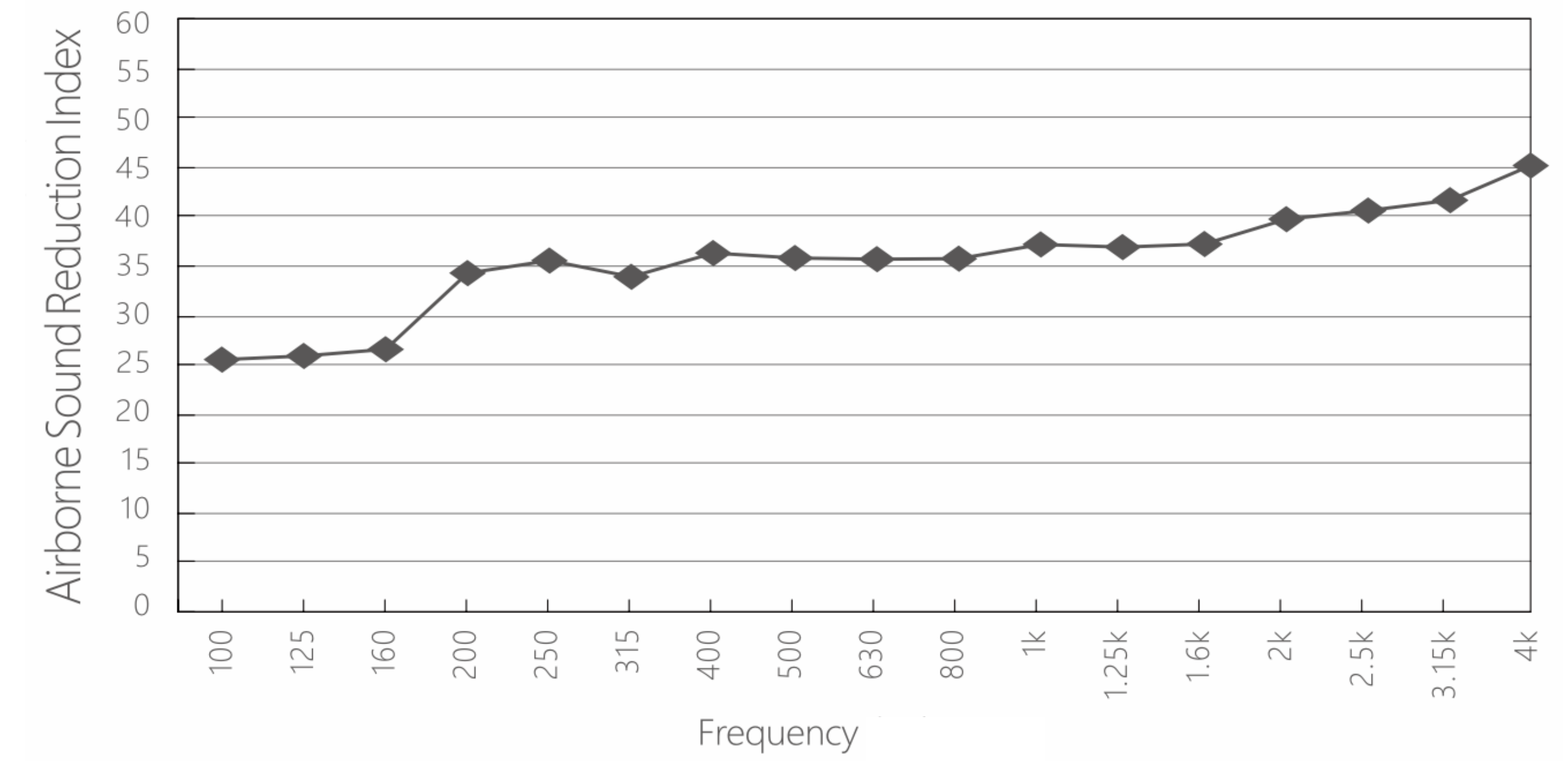
**Finish:** Unpainted wood veneer / Stain and scratch resistant PP finishing / Skintouch finishing (mass customization)

**Standard size:** ~ H2200 \* W900 \* D125/250mm (Applicable door opening size+10mm)

**Sound insulation coefficient:** STC 38dB (+/- 2)

**Note:** STC is a lab result.

**Customization:** Project acoustic door is customized base on required specification, finishing, appearance etc. Sound transmission coefficient of customized door is for reference only. Door closer and lock are not included. Lead time will be specified based on quantity and production schedule.



### Silent sound insulation system solution

The thermal-magnetic damping sealing tape increases sound transmission coefficient while effectively reduces the noise from door page collision.

### Sound insulation observation window

Uni-body metal rectangular sound insulation observation window, with double layer vacuum polarization-proof toughened sound insulation glass, provides good sound insulation and nice appearance.

### Stain and scratch resistant PP finishing

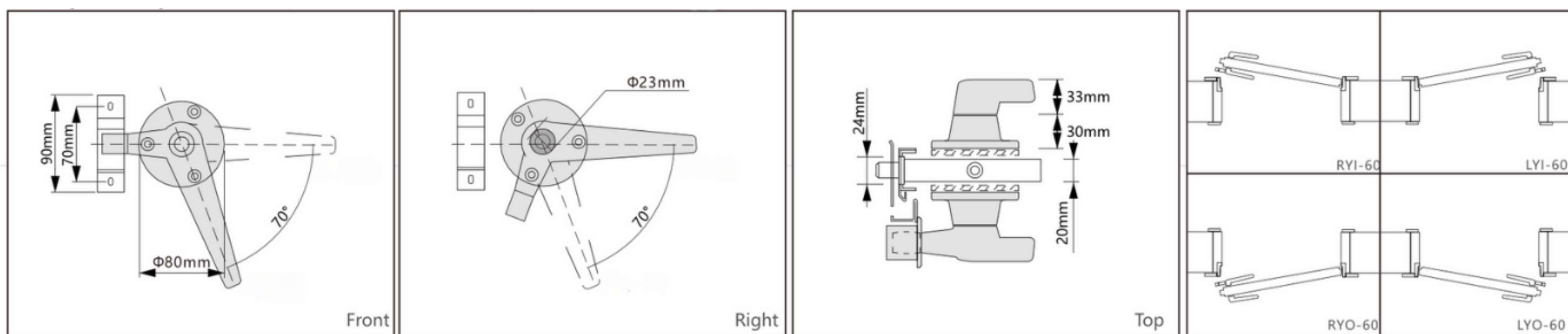
The first acoustic door using a South Korean PP finishing, anti-pollution, anti-friction, no color difference, fireproof, moisture-proof, anti-UV, multicolor selection, can be easily integrated into different spaces.



### Airtight Lock

An airtight lock is an effective component for enhancing the airtightness of soundproof doors. Based on shared experimental data, it shows that using airtight lock on a soundproof door can increase sound insulation by 1-2 dB.

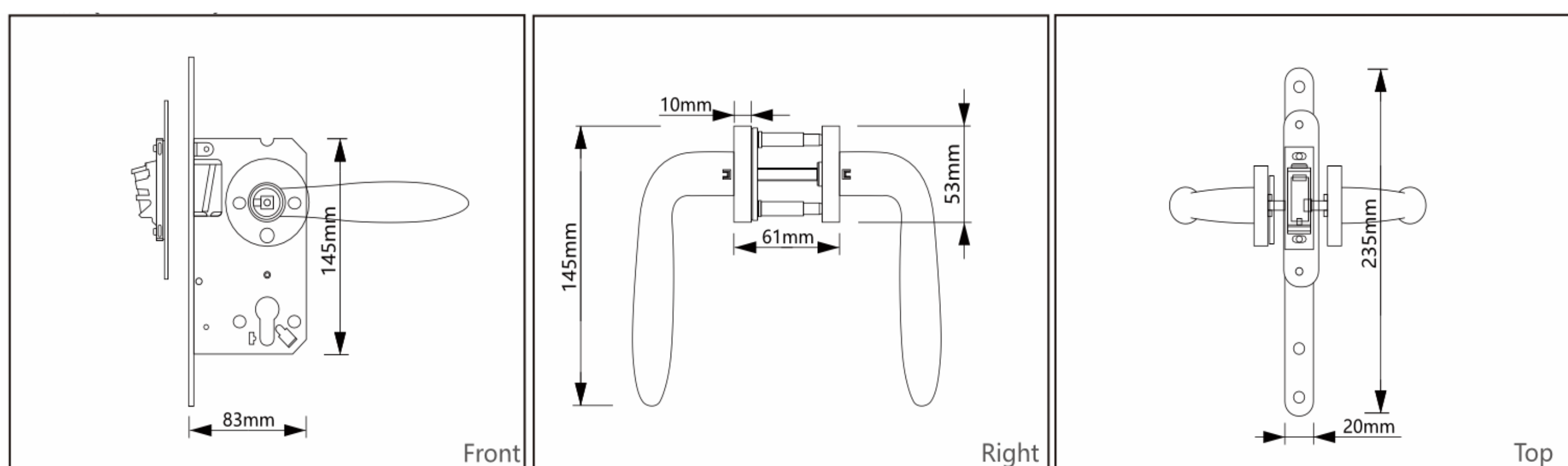
Model: LYI-60 / RYI-60 / LYO-60 / RYO-60



### Silent Lock

The silent lock simplifies the traditional complex hardware structure, and the magnetic suction lock tongue senses and expands to avoid mechanical contact with the door frame ensuring there is no structural collision noise during the locking process.

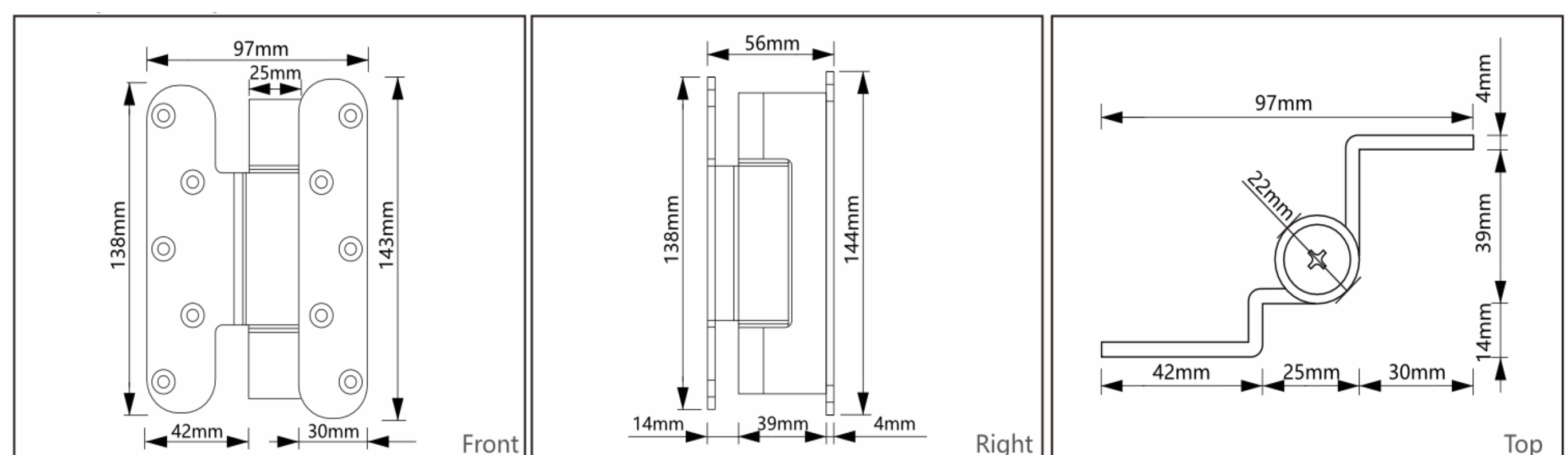
Model: BJ55



### 3D invisible hinge

Steel strength and craftsmanship advantages, confidence in heavy loads and stability. Invisible hinges have changed the traditional aesthetic of chiseled grooves and protruding hinges that reveal broken seams. Its three way adjustable design caters to the fine tuning requirements of the door leaf, adjusting the hinge with an external sealing cover to make the hinges cleaner, waterproof and dust-proof.

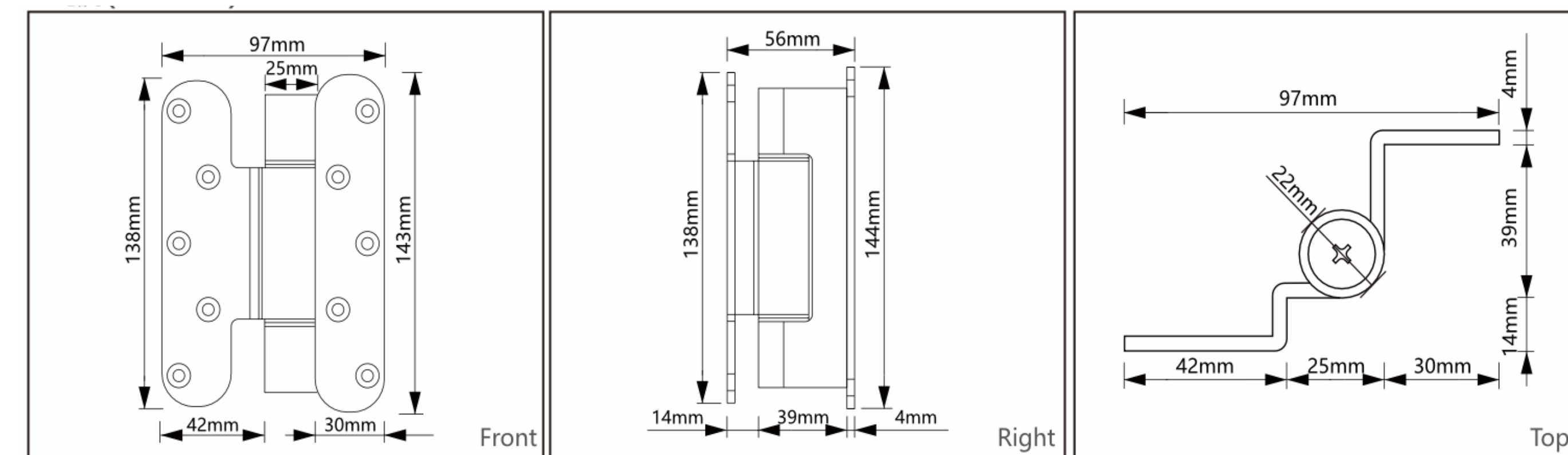
Model: KT3D-140



### German-style hinge

The German load-bearing hinge is made of 201 stainless steel material, treated with alternating cold and hot processes. It has a small volume, large load, shallow installation grooves, and low friction coefficient of needle roller bearings, providing smoother movement and better support. Asleeve door suitable for outer cover type door leaves.

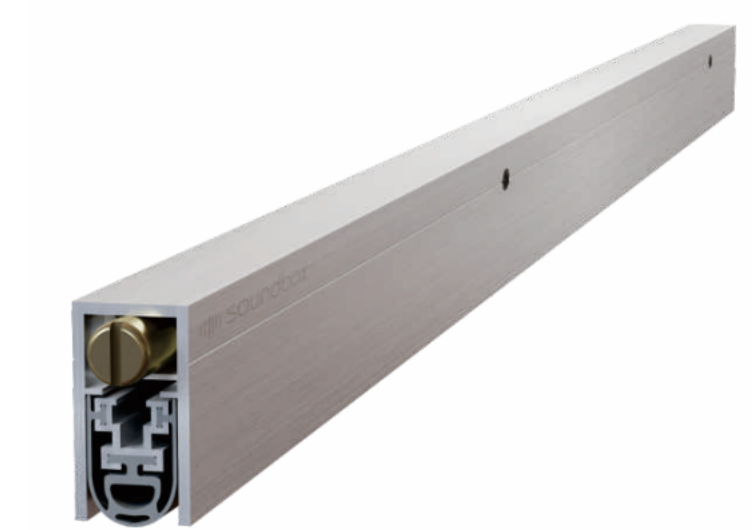
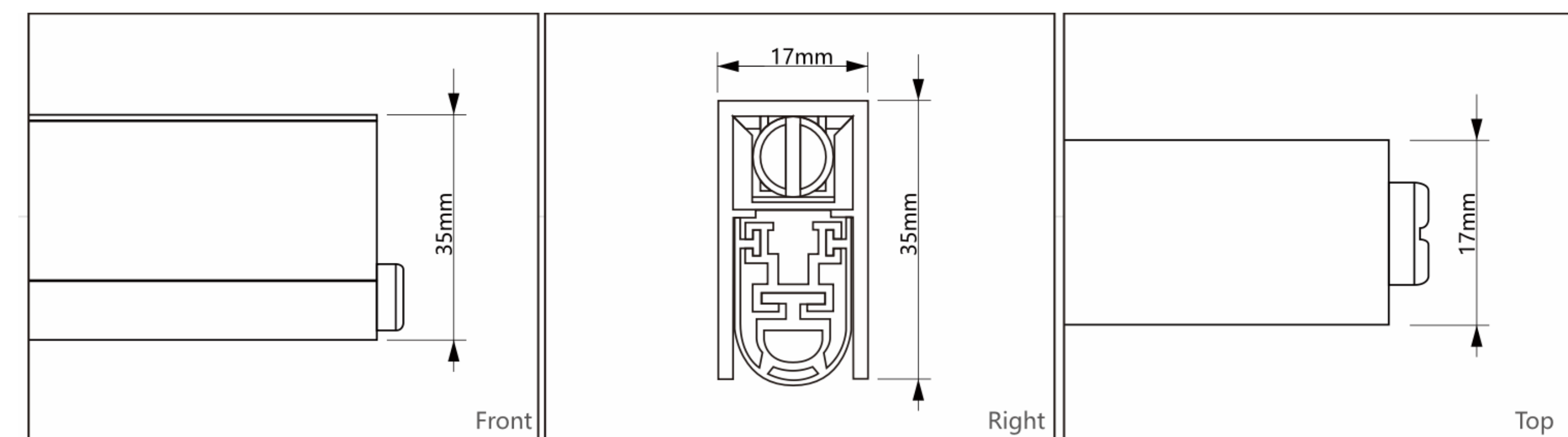
Model: DH-201



### Automatic sound barrier

The automatic sound gate is equipped with an airtight structure device, and the opening and closing of the sound gate are controlled by the linkage of the door effectively partition or reduce the air sound transmission inside and outside the space.

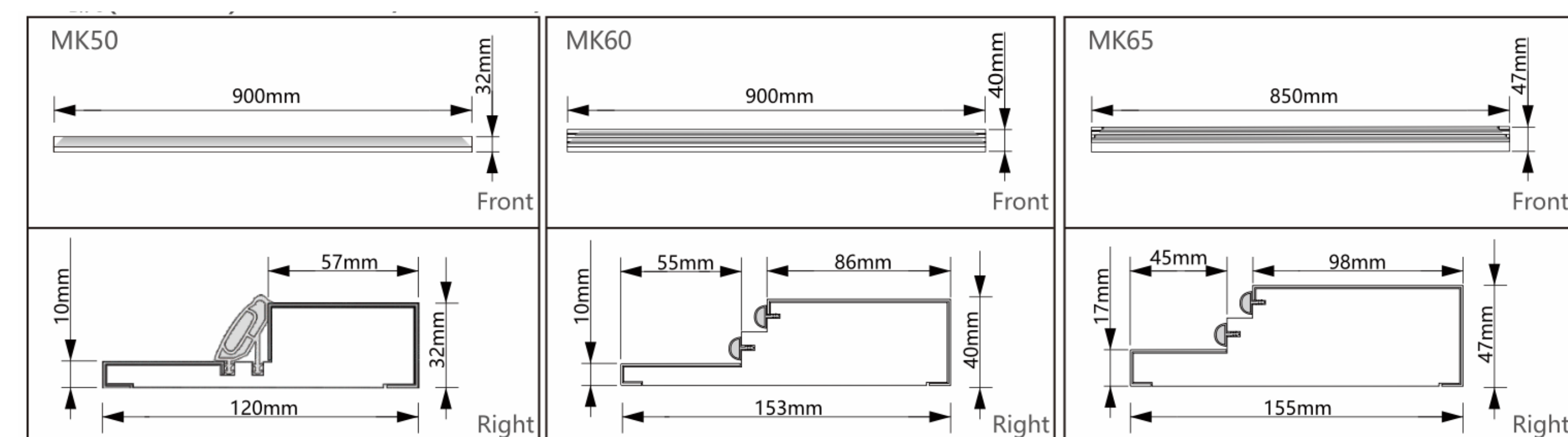
Model: M038



### Fixed sound barrier

Ultra thin threshold type fixed sound gate, double-layer airtight rubber strip to block the problem of door seam sound leakage, effectively improving the air sound insulation of the soundproof door. The stainless steel wrapped threshold design is wear-resistant and easy to clean.

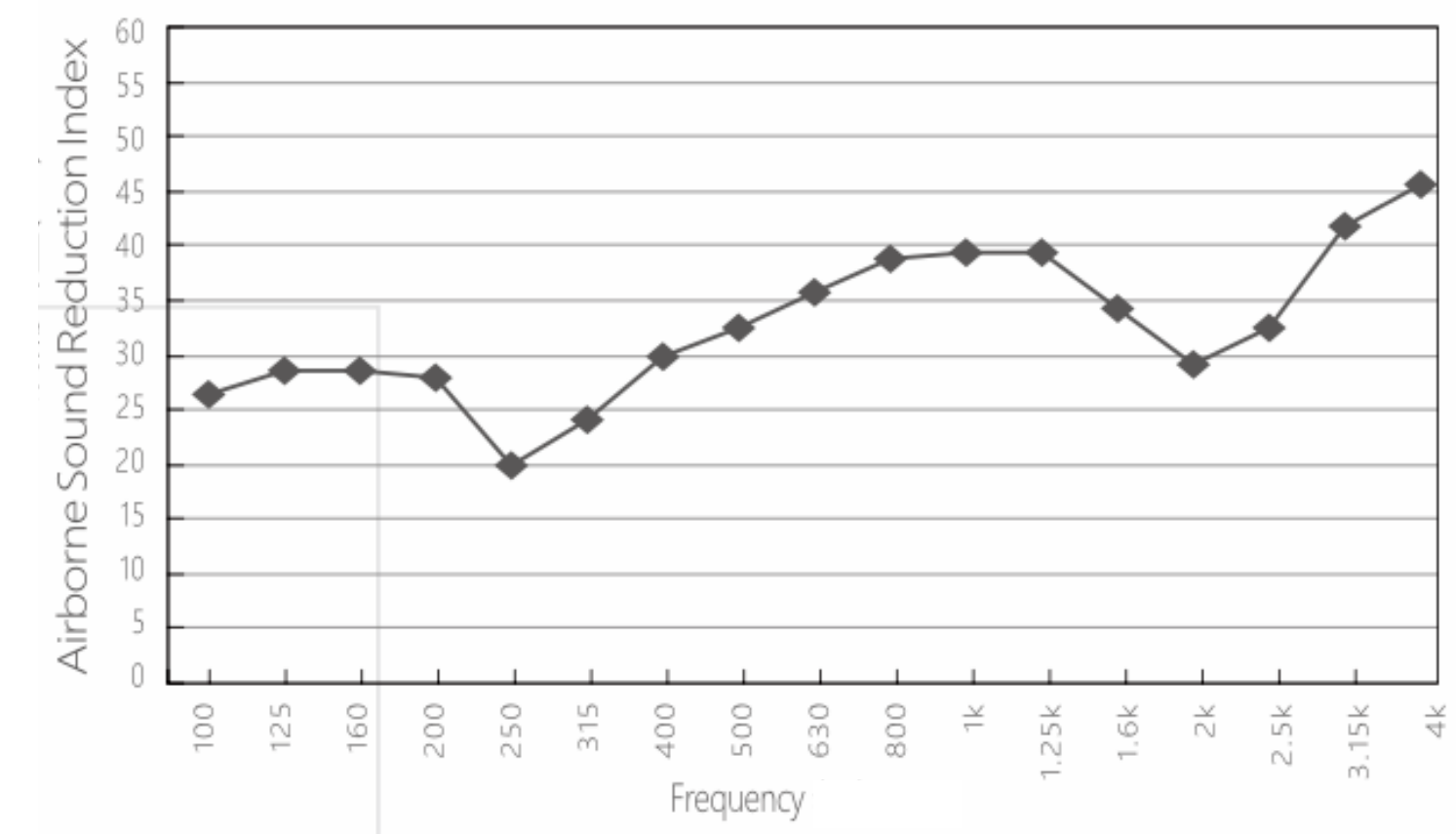
Model: M038



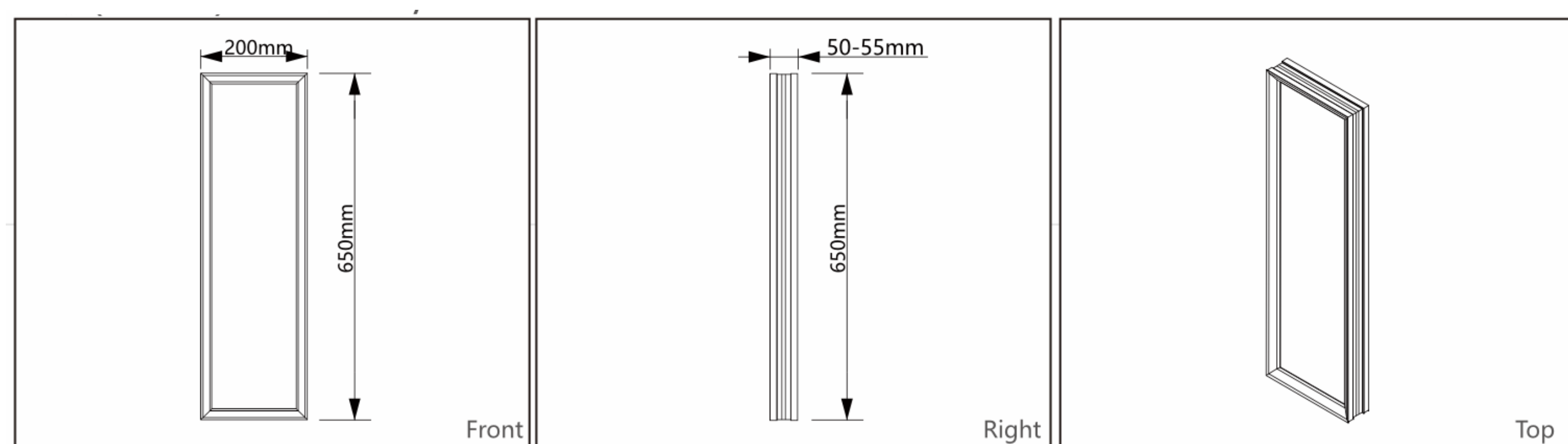


### Sound insulation observation window

Modular rectangular sound insulation observation window, double-layer hollow anti polarization tempered sound insulation glass, anti oxidation and anti atomization material structure, thickened medium air dense layer to enhance broadband sound insulation effect.

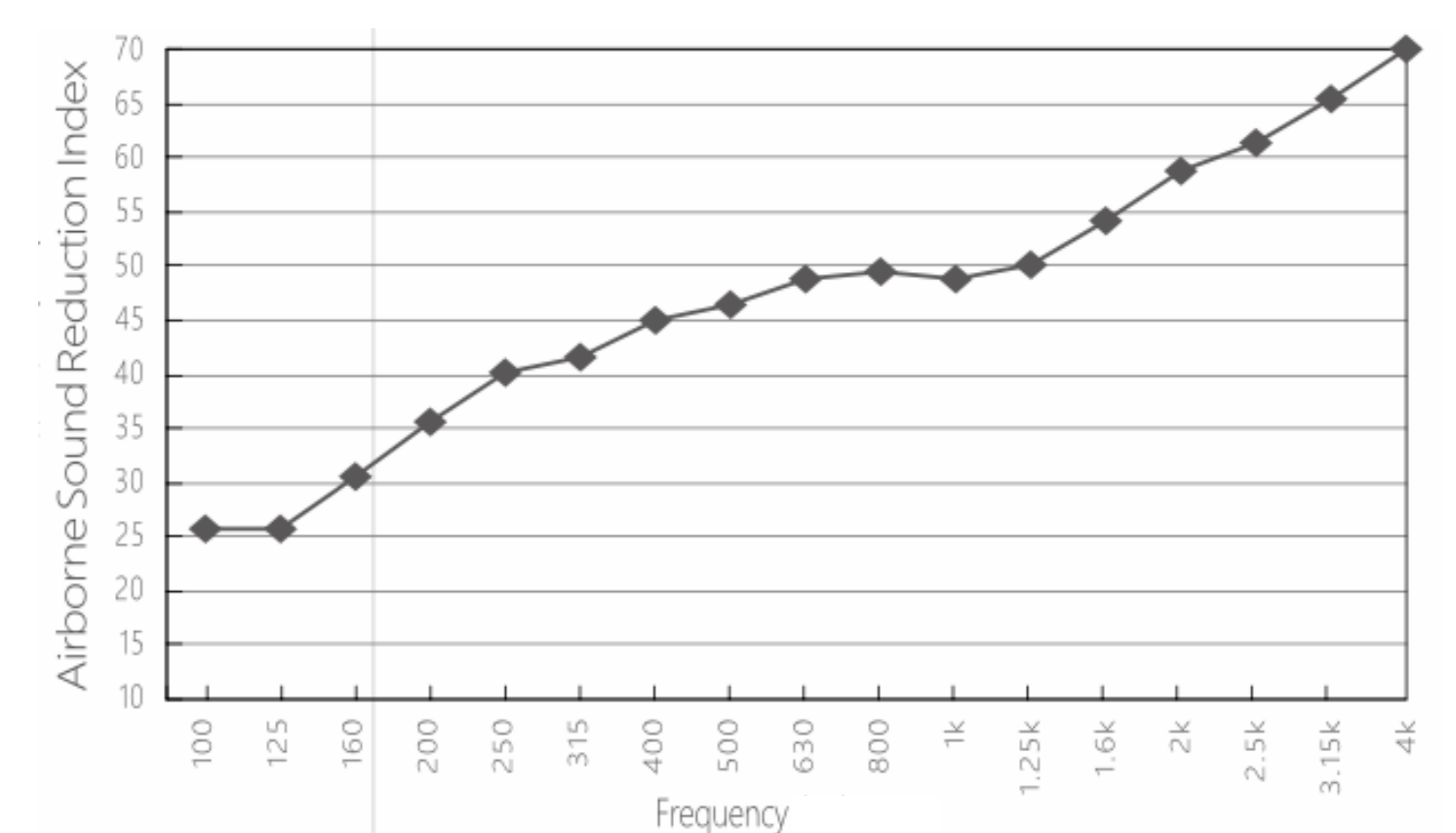


Model: PVB868 / PVB8118

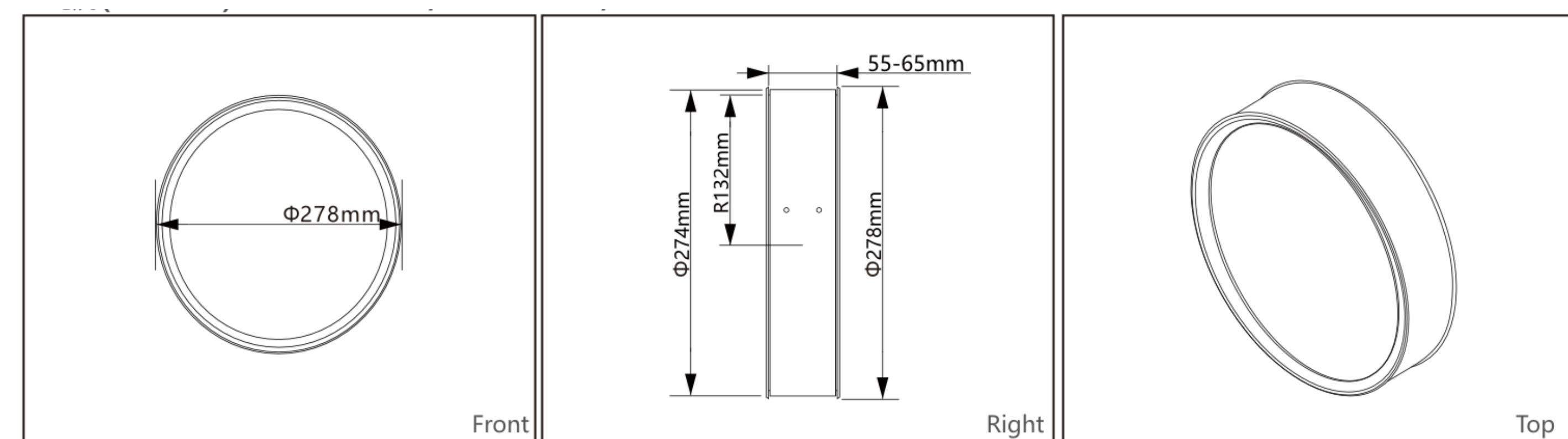


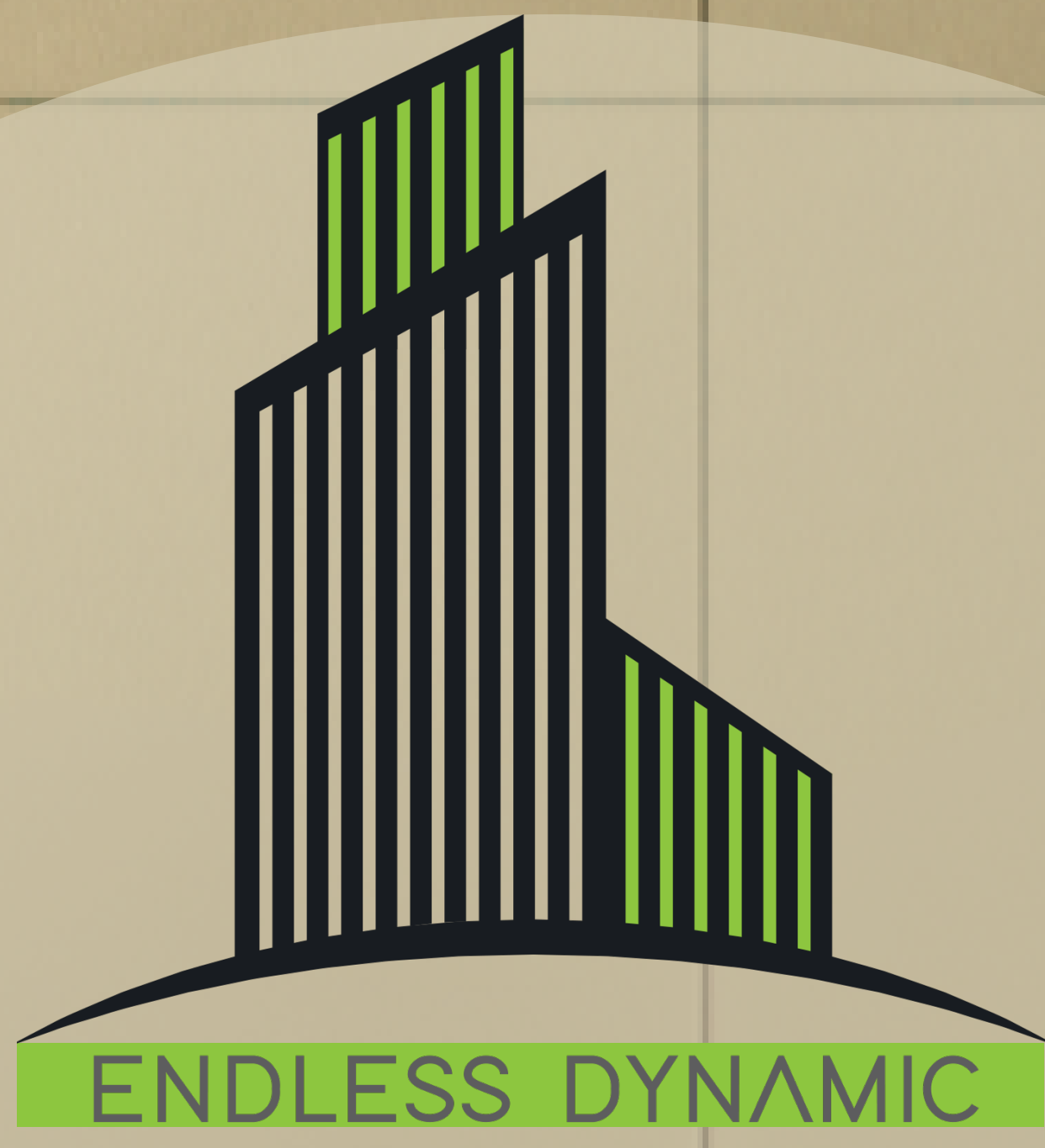
### Sound insulation observation window

Cast aluminum module circular sound insulation observation window, with anti oxidation and anti atomization material structure, double-layer thickened mid air anti polarization tempered sound insulation glass, thickened mid air dense layer to enhance broadband sound insulation effect and prevent heat radiation transmission.



Model: PVBT55 / PVBT60 / PVBT65





**For more information:**

**INFO@ENDLESSDYNAMIC.COM**

