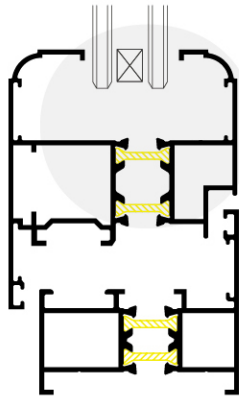




WELLDONE safety soundproof
doors and windows
Full case service provider for doors,
windows, and curtain walls

WHAT IS A BROKEN BRIDGE?



Broken bridge refers to the process of dividing a profile into two and connecting them through PA66 nylon insulation strips, effectively blocking internal and external temperatures.

The benefits of bridge breaking windows:

1. The material will not be transmitted from outdoor temperature to indoor, providing insulation, insulation, and energy-saving effects.
2. The material accounts for 15% of the entire window area, so the insulation and insulation performance of bridge broken windows is improved by 15% compared to non bridge broken windows.
3. Outdoor colors can be chosen from building colors, and indoor colors can be matched according to personal preferences.

The importance of glass:

Glass accounts for 85% of the entire window area, so it is not insulated and becomes a decoration due to broken bridges.



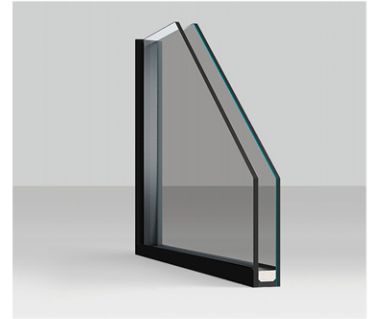
White glass

Refers to transparent glass, visible both inside and outside.



Frosted glass

An additional layer of sanding process is applied on the surface of the glass to prevent it from producing a transparent effect. The general application scenario is in the bathroom.



Coated glass

As the light determines, during the day, one sees the outside. At night, when you look inside from the outside, it's like looking in a mirror when you look at the glass inside. Different glass thicknesses can cause color differences.



Low-E glass

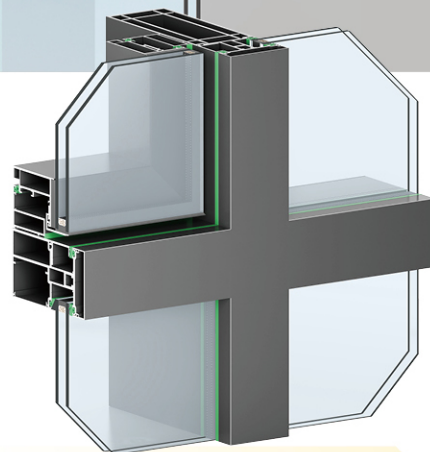
It belongs to a type of coated glass (sunlight control, low radiation, conductive glass) and is a member of energy-saving glass in buildings. Its process principle is to coat the surface of a glass substrate with a film composed of multiple layers of metal (silver, copper, tin, etc.) or other compounds with low radiation characteristics, greatly reducing the emissivity of the glass surface and providing better energy-saving effects for doors and windows. When LOW-E film is used with insulating glass, it can greatly improve the thermal insulation, sun protection, energy saving and other performance of doors and windows, and different glass thicknesses will not cause color differences.

Glass performance test data:

Glass	UV Rejection	IR Rejection	VL Rejection
White glass	26.80%	34%	82%
Frosting	39.80%	36%	30%
Ford Blue Coating	45.90%	60.70%	55.80%
Blue Star Grey Coating	43.80%	58.60%	54.80%
SY160Low-e	75.10%	97%	44.70%
TB160Low-e	47.50%	78.60%	57.20%
GTLow-e	32%	39.60%	78.80%



100 EXPOSED FRAME CURTAIN WALL





FLAT PUSH
WINDOW

120 HIDDEN FRAME
CURTAIN WALL





108 BROKEN BRIDGE CASEMENT WINDOW

Scenario application: Any scenario

108 BROKEN BRIDGE CASEMENT WINDOW

PRODUCT CHARACTERISTICS

1. The surface is sprayed with Akzo Nobel powder or printed with Italian heat transfer wood grain.
2. The aluminum material adopts 6063-T5 primary aluminum.
3. Double layer 5mm Xinyi tempered glass, more practical for sound insulation and heat insulation.
4. PA66 nylon insulation strip, with good insulation and stronger strength.
5. Automotive grade EPDM sealant strip.
6. The window sash is equipped with a high handle, making the switch more flexible.
7. Adopting 304 stainless steel anti prying locking system, it is safer at home.
8. Adopting 304 stainless steel load-bearing hinges for easier switching.
9. It can be equipped with fixed protective barriers and open protective barriers, with protection and escape functions.
10. It can be used as a balcony swing door/double door/sub door.

PERFORMANCE

Air tightness:	$q_1 \leq 0.5 \text{ m}^3 / (\text{m}^2 \cdot \text{h})$ 8 级
Water tightness:	$\Delta P \geq 700 \text{ Pa}$ (6 级)
Wind pressure resistance:	$P_3 \geq 5.0 \text{ kPa}$ (9 级)
Insulation performance:	$\leq 1.908 \text{ W} / (\text{m}^2 \cdot \text{K})$
Sound insulation performance:	$\geq 40 \text{ dB}$ (5 级)



Scenario application: Any scenario

TECHNICAL PARAMETER

Profile wall thickness	1.4mm	Window frame occupying the wall	108mm
Glass fan size	Outdoor width 69mm * thickness 47mm	Size of yarn fan	53mm wide * 30mm thick
Glass configuration	5mm+12A+5mm	Yarn mesh configuration	06 Steel mesh
Fan width range	$\leq 750 \text{ mm}$	Fan height range	$\leq 1500 \text{ mm}$
Hinge load-bearing	$\leq 45 \text{ KG}$	Fixed method	Fixed piece+mortar/80mm * 8mm screw installation

PRODUCT COLOR

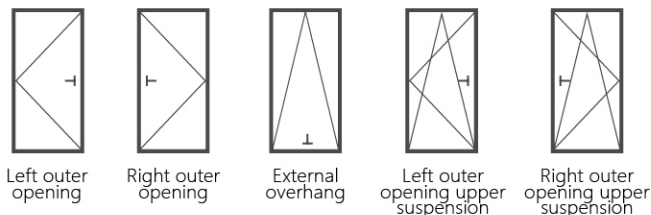


WOOD GRAIN COLOR: (CAN ONLY BE USED INDOORS)

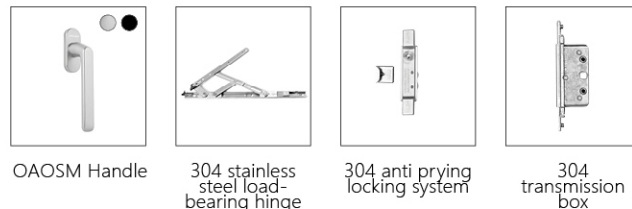


*Kind reminder: The colors of this series can be different inside and outside

WINDOW SASH EXTERNAL OPENING MODE



HARDWARE ACCESSORIES



*Kind reminder: This series of hardware comes in black/silver gray colors



85 BROKEN BRIDGE CASEMENT WINDOW

Scenario application: Any scenario

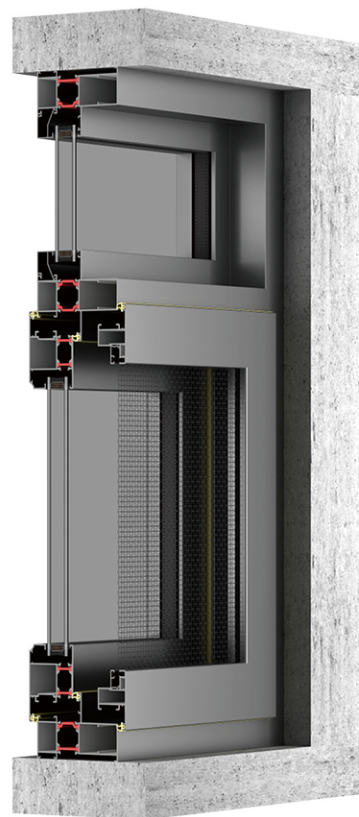
85 BROKEN BRIDGE CASEMENT WINDOW

PRODUCT CHARACTERISTICS

1. The surface is sprayed with Akzo Nobel powder or printed with Italian heat transfer wood grain.
2. The aluminum material adopts 6063-T5 primary aluminum.
3. Double layer 5mm Xinyi tempered glass, more practical for sound insulation and heat insulation.
4. PA66 nylon insulation strip, with good insulation and stronger strength.
5. Automotive grade EPDM sealant strip.
6. Adopting 304 stainless steel anti prying locking system, it is safer at home.
7. Adopting 304 stainless steel load-bearing hinges for easier switching.

PERFORMANCE

Air tightness:	$q_1 \leq 0.5 \text{ m}^3 / (\text{m}^2 \cdot \text{h})$ 8 级
Water tightness:	$\Delta P \geq 700 \text{ Pa}$ (6 级)
Wind pressure resistance:	$P_3 \geq 5.0 \text{ kPa}$ (9 级)
Insulation performance:	$\leq 1.908 \text{ W} / (\text{m}^2 \cdot \text{k})$
Sound insulation performance:	$\geq 40 \text{ dB}$ (5 级)

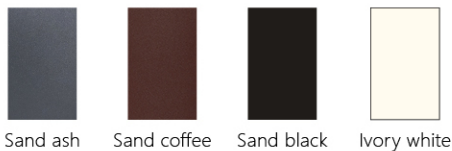


Scenario application: Any scenario

TECHNICAL PARAMETER

Profile wall thickness	1.4mm	Window frame occupying the wall	85mm
Glass fan size	Outdoor width 69mm * thickness 47mm	Size of yarn fan	53mm wide * 30mm thick
Glass configuration	5mm+12A+5mm	Yarn mesh configuration	06 Steel mesh
Fan width range	$\leq 750 \text{ mm}$	Fan height range	$\leq 1500 \text{ mm}$
Hinge load-bearing	$\leq 45 \text{ KG}$	Fixed method	Fixed piece+mortar/80mm * 8mm screw installation

PRODUCT COLOR

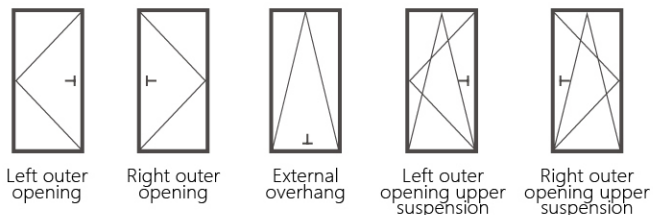


WOOD GRAIN COLOR: (CAN ONLY BE USED INDOORS)

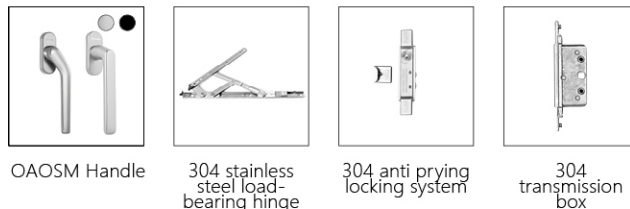


*Kind reminder: The colors of this series can be different inside and outside

WINDOW SASH EXTERNAL OPENING MODE



HARDWARE ACCESSORIES



*Kind reminder: This series of hardware comes in black/silver gray colors



55 BROKEN BRIDGE CASEMENT WINDOW

Scenario application: Kitchen/study/bathroom/staircase/storage room

55 BROKEN BRIDGE CASEMENT WINDOW

PRODUCT CHARACTERISTICS

1. The surface is sprayed with Akzo Nobel powder or printed with Italian heat transfer wood grain.
2. The aluminum material adopts 6063-T5 primary aluminum.
3. Double layer 5mm Xinyi tempered glass, more practical for sound insulation and heat insulation.
4. PA66 nylon insulation strip, with good insulation and stronger strength.
5. Automotive grade EPDM sealant strip.
6. Adopting 304 stainless steel anti prying locking system, it is safer at home.
7. Adopting 304 stainless steel load-bearing hinges for easier switching.
8. It can be opened in/out.
9. The window sash can be equipped with Pxed mesh for internal opening.

PERFORMANCE

Air tightness:	$q_1 \leq 0.5 \text{ m}^3 / (\text{m}^2 \cdot \text{h})$ 8 级
Water tightness:	$\Delta P \geq 700 \text{ Pa}$ (6 级)
Wind pressure resistance:	$P_3 \geq 5.0 \text{ kPa}$ (9 级)
Insulation performance:	$\leq 1.908 \text{ W} / (\text{m}^2 \cdot \text{K})$
Sound insulation performance:	$\geq 40 \text{ dB}$ (5 级)



Scenario application:
kitchen/study/bathroom/staircase/storage room

TECHNICAL PARAMETER

Profile wall thickness	1.4mm	Window frame occupying the wall	55mm
Glass fan size	Width 72mm * thickness 63mm	Glass configuration	5mm+12A+5mm
Fan width range	$\leq 700 \text{ mm}$	Fan height range	$\leq 1400 \text{ mm}$
Hinge load-bearing	$\leq 45 \text{ KG}$	Fixed method	Fixed piece+mortar/80mm * 8mm screw installation

PRODUCT COLOR



Sand ash Sand coffee Sand black Ivory white

WOOD GRAIN COLOR

(CAN ONLY BE USED INDOORS)



Walnut Rose wood Gold oak Teakwood

*Kind reminder:
The colors of this series can be different inside and outside

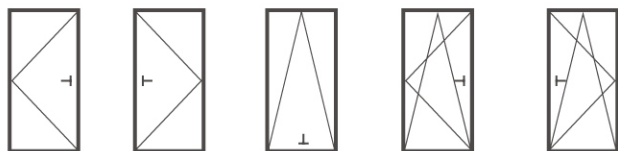
HARDWARE ACCESSORIES



Handle

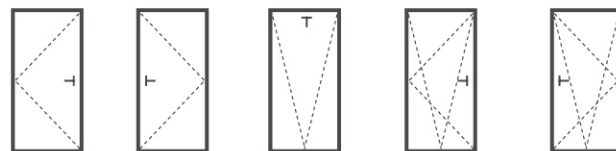
304 stainless steel load-bearing hinge

WINDOW SASH EXTERNAL OPENING MODE



Left outer opening Right outer opening External overhang Left outer opening upper suspension Right outer opening upper suspension

SASH INSIDE OPENING MODE



Left inner opening Right inner opening Inward inversion Left Inner Open Inner Invert Right Inner Open Inner Invert



126 BROKEN BRIDGE SLIDING WINDOW

Scenario application: Any scenario

126 BROKEN BRIDGE SLIDING WINDOW

PRODUCT CHARACTERISTICS

1. The surface is sprayed with Akzo Nobel powder or printed with Italian heat transfer wood grain.
2. The aluminum material adopts 6063-T5 primary aluminum.
3. Double layer 5mm Xinyi tempered glass, more practical for sound insulation and heat insulation.
4. PA66 nylon insulation strip, with good insulation and stronger strength.
5. The upper rail adopts adjustable anti swing wheels to prevent the window sash from shaking inside and outside.
6. The lower rail adopts 304 stainless steel rail, which is quieter and smoother when pushed and pulled.
7. The upper and lower tracks are equipped with windproof sliding blocks for better sound insulation.
8. The lower rail adopts a high and low rail design to prevent rainwater from flowing back.

PERFORMANCE

Air tightness:	$q_1 \leq 0.5 \text{ m}^3 / (\text{m}^2 \cdot \text{h})$ 8 级
Water tightness:	$\Delta P \geq 700 \text{ Pa}$ (6 级)
Wind pressure resistance:	$P_3 \geq 5.0 \text{ kPa}$ (9 级)
Insulation performance:	$\leq 1.908 \text{ W} / (\text{m}^2 \cdot \text{K})$
Sound insulation performance:	$\geq 40 \text{ dB}$ (5 级)

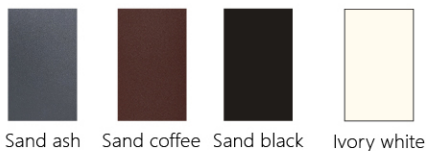


Scenario application: Any scenario

TECHNICAL PARAMETER

Profile wall thickness	1.5mm	Window frame occupying the wall	126mm
Glass fan size	80mm wide * 30mm thick	Size of yarn fan	80mm wide * 30mm thick
Glass configuration	5mm+12A+5mm	Yarn mesh configuration	06 Steel mesh
Fan width range	$\leq 1200 \text{ mm}$	Fan height range	$\leq 1600 \text{ mm}$
Ground wheel bearing capacity	$\leq 80 \text{ KG}$	Fixed method	Fixed piece+mortar/80mm * 8mm screw installation

PRODUCT COLOR



Sand ash Sand coffee Sand black Ivory white

WOOD GRAIN COLOR

(CAN ONLY BE USED INDOORS)



Walnut Rose wood Gold oak Teakwood

*Kind reminder:
The colors of this series can be different inside and outside

HARDWARE ACCESSORIES



Flat lock
(Black/Silver)

Lower rail 304
ground wheel

Upper rail anti
swing wheel

YARN MESH IS PUSHED AND PULLED EXTERNALLY



Three track 2+1 (yarn)
A distribution

three track 2+1 (yarn)
B distribution

Three track 4+2 (yarn)
C distribution

YARN MESH INTERNAL PUSH PULL METHOD



three track 2+1 (yarn)
D distribution

three track 2+1 (yarn)
E distribution

Three track 4+2 (yarn)
F distribution



137 BROKEN BRIDGE HEAVY SLIDING DOOR

Scenario application: Entrance gate/living room/balcony/large partition

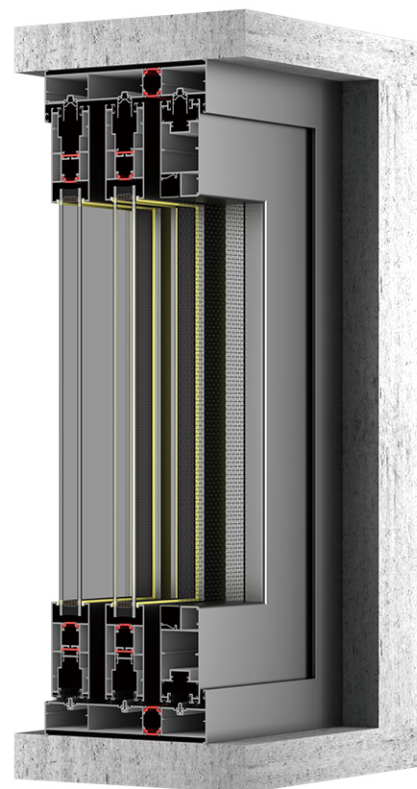
137 BROKEN BRIDGE HEAVY SLIDING DOOR

PRODUCT CHARACTERISTICS

1. The surface is sprayed with Akzo Nobel powder or printed with Italian heat transfer wood grain.
2. The aluminum material adopts 6063-T5 primary aluminum.
3. Double layer 5mm Xinyi tempered glass, more practical for sound insulation and heat insulation.
4. PA66 nylon insulation strip, with good insulation and stronger strength.
5. The upper rail adopts adjustable anti swing wheels to prevent the door leaf from shaking.
6. The lower rail adopts 304 stainless steel rail, which is quieter and smoother when pushed and pulled.
7. The upper and lower tracks are equipped with windproof sliding blocks for better sound insulation.
8. The lower rail adopts a high and low rail design to prevent rainwater from bowing back.
9. There are two options for the lower rail: 8mm and 56mm.

PERFORMANCE

Air tightness:	$q_1 \leq 0.5 \text{ m}^3 / (\text{m}^2 \cdot \text{h})$ 8 级
Water tightness:	$\Delta P \geq 700 \text{ Pa}$ (6 级)
Wind pressure resistance:	$P_3 \geq 5.0 \text{ kPa}$ (9 级)
Insulation performance:	$\leq 1.908 \text{ W} / (\text{m}^2 \cdot \text{K})$
Sound insulation performance:	$\geq 40 \text{ dB}$ (5 级)



Scenario application:
Entrance gate/living room/balcony/large partition

TECHNICAL PARAMETER

Profile wall thickness	2.0mm	Door frame occupying wall	Double track 137mm/triple track 207mm
Glass fan size	Width 50mm * thickness 102mm	Size of yarn fan	50mm wide * 102mm thick
Glass configuration	5mm+20A+5mm	Yarn mesh configuration	08 Golden Steel Mesh
Fan width range	$\leq 2500 \text{ mm}$	Fan height range	$\leq 2600 \text{ mm}$
Ground wheel bearing capacity	$\leq 300 \text{ KG}$	Fixed method	Fixed piece+mortar/80mm * 8mm screw installation

PRODUCT COLOR



Sand ash Sand coffee Sand black Ivory white

WOOD GRAIN COLOR

(CAN ONLY BE USED INDOORS)



Walnut Rose wood Gold oak Teakwood

*Kind reminder:
The colors of this series can be different inside and outside

HARDWARE ACCESSORIES

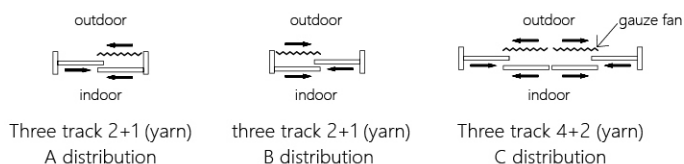


Flat lock
(Black/Silver)

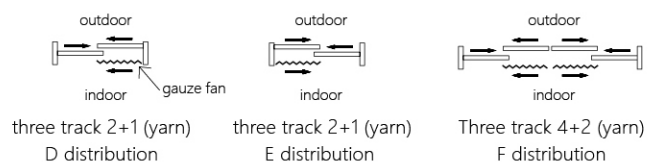
Lower rail 304
ground wheel

Upper rail anti
swing wheel

YARN MESH IS PUSHED AND PULLED EXTERNALLY



YARN MESH INTERNAL PUSH PULL METHOD





108 BROKEN BRIDGE OPPOSITE DOOR

Scenario application: Balcony/Storage Room/Outdoor Space

108 BROKEN BRIDGE OPPOSITE DOOR

PRODUCT CHARACTERISTICS

1. The surface is sprayed with Akzo Nobel powder or printed with Italian heat transfer wood grain.
2. The aluminum material adopts 6063-T5 primary aluminum.
3. Double layer 5mm Xinyi tempered glass, more practical for sound insulation and heat insulation.
4. The use of 304 stainless steel load-bearing hinges makes switching easier.
5. Automotive grade EPDM sealant strip
7. It can be used as a swing door/secondary door

PERFORMANCE

Air tightness:	$q_1 \leq 0.5 \text{ m}^3 / (\text{m}^2 \cdot \text{h})$ 8 级
Water tightness:	$\Delta P \geq 700 \text{ Pa}$ (6 级)
Wind pressure resistance:	$P_3 \geq 5.0 \text{ kPa}$ (9 级)
Insulation performance:	$\leq 1.908 \text{ W} / (\text{m}^2 \cdot \text{K})$
Sound insulation performance:	$\geq 40 \text{ dB}$ (5 级)

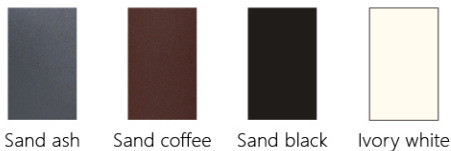


Scenario application:
Balcony/Storage Room/Outdoor Space

TECHNICAL PARAMETER

Profile wall thickness	1.4mm	Window frame occupying the wall	108mm
Glass fan size	Outdoor width 69mm * thickness 47mm	Size of yarn fan	82mm wide * 30mm thick
Glass configuration	5mm+12A+5mm	Yarn mesh configuration	08 Golden Steel Mesh
Fan width range	$\leq 800 \text{ mm}$	Fan height range	$\leq 2600 \text{ mm}$
Hinge load-bearing	$\leq 60 \text{ KG}$	Fixed method	Fixed piece+mortar/80mm * 8mm screw installation

PRODUCT COLOR

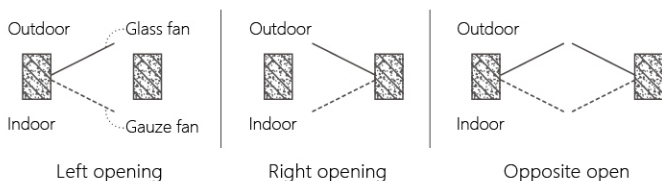


WOOD GRAIN COLOR: (CAN ONLY BE USED INDOORS)

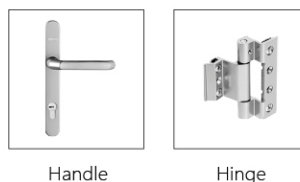


*Kind reminder: The colors of this series can be different inside and outside

DOOR LEAF OPENING METHOD



HARDWARE ACCESSORIES





76 CASEMENT WINDOWS

Scenario application: Living room/bathroom/kitchen/storage room/staircase/study

76 CASEMENT WINDOWS

PRODUCT CHARACTERISTICS

1. The surface is sprayed with Akzo Nobel powder or printed with Italian heat transfer wood grain.
2. The aluminum material adopts 6063-T5 primary aluminum.
3. Double layer 5mm Xinyi tempered glass, more practical for sound insulation and heat insulation.
4. Automotive grade EPDM sealant strip.
5. Adopting 304 stainless steel anti prying locking system, it is safer at home.
6. Adopting 304 stainless steel load-bearing hinges for easier switching.

PERFORMANCE

Air tightness:	$q1 \leq 0.5m^3 / (m^2 \cdot h)$ 8 级
Water tightness:	$\Delta P \geq 700Pa$ (6 级)
Wind pressure resistance:	$P3 \geq 5.0kPa$ (9 级)
Insulation performance:	$\leq 1.908W / (m^2 \cdot k)$
Sound insulation performance:	$\geq 40dB$ (5 级)



Scenario application:
Living room/bathroom/kitchen/storage room/
staircase/study

TECHNICAL PARAMETER

Profile wall thickness	1.4mm	Window frame occupying the wall	76mm
Glass fan size	Outdoor width 66mm * thickness 32mm	Size of yarn fan	46mm wide * 30mm thick
Glass configuration	5mm+15A+5mm	Yarn mesh configuration	06 Steel mesh
Fan width range	$\leq 700mm$	Fan height range	$\leq 1400mm$
Hinge load-bearing	$\leq 45KG$	Fixed method	Fixed piece+mortar/80mm * 8mm screw installation

PRODUCT COLOR



Sand ash

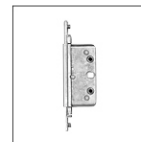


Sand coffee

HARDWARE ACCESSORIES



Handle

304 stainless
steel load-
bearing hinge304 anti prying
locking system304
transmission
box

WINDOW SASH EXTERNAL OPENING MODE

Left outer
openingRight outer
openingExternal
overhang



50 CASEMENT WINDOWS

Scenario application: Bathroom/Kitchen/Storage Room/Staircase/Study

50 CASEMENT WINDOWS

PRODUCT CHARACTERISTICS

1. The surface is sprayed with Akzo Nobel powder or printed with Italian heat transfer wood grain.
2. The aluminum material adopts 6063-T5 primary aluminum.
3. Double layer 5mm Xinyi tempered glass, more practical for sound insulation and heat insulation.
4. The use of 304 stainless steel load-bearing hinges makes switching easier.
5. Automotive grade EPDM sealant strip
6. Single layer glass is optional.

PERFORMANCE

Air tightness:	$q_1 \leq 0.5 \text{ m}^3 / (\text{m}^2 \cdot \text{h})$ 8 级
Water tightness:	$\Delta P \geq 700 \text{ Pa}$ (6 级)
Wind pressure resistance:	$P_3 \geq 5.0 \text{ kPa}$ (9 级)
Insulation performance:	$\leq 1.908 \text{ W} / (\text{m}^2 \cdot \text{k})$
Sound insulation performance:	$\geq 40 \text{ dB}$ (5 级)

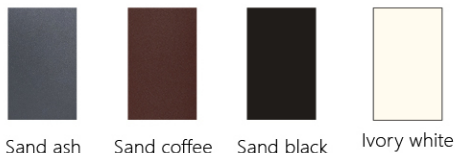


Scenario application:
Bathroom/Kitchen/Storage Room/Staircase/Study

TECHNICAL PARAMETER

Profile wall thickness	1.4mm	Window frame occupying the wall	50mm
Glass fan size	Outdoor width 72mm * thickness 50mm	Glass configuration	5mm+8A+5mm
Fan width range	$\leq 700 \text{ mm}$	Fan height range	$\leq 1400 \text{ mm}$
Hinge load-bearing	$\leq 40 \text{ KG}$	Fixed method	Fixed piece+mortar/80mm * 8mm screw installation

PRODUCT COLOR



Sand ash Sand coffee Sand black Ivory white

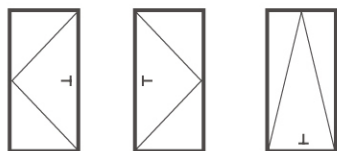
HARDWARE ACCESSORIES



Handle

304 stainless steel load-bearing hinge

WINDOW SASH EXTERNAL OPENING MODE



Left outer opening

Right outer opening

External overhang



72 SLIDING WINDOWS WITH WRAPPED EDGES

Scenario application: Study/bathroom/kitchen/staircase/storage room/balcony

72 SLIDING WINDOWS WITH WRAPPED EDGES

PRODUCT CHARACTERISTICS

1. The surface is sprayed with Akzo Nobel powder or printed with Italian heat transfer wood grain.
2. The aluminum material adopts 6063-T5 primary aluminum.
3. Double layer 5mm Xinyi tempered glass, more practical for sound insulation and heat insulation.
4. Add anti swing adhesive particles on the upper rail to avoid internal and external shaking of the window sash.
6. The lower rail adopts a wind proof drainage cover to avoid rain and wind pressure causing rainwater to not be discharged in a timely manner.
7. When the window sash is locked, the window lock has automatic locking function.
8. The window sash has anti-collision/anti-theft blocks above and below.

PERFORMANCE

Air tightness:	$q1 \leq 0.5m^3 / (m^2 \cdot h)$ 8 级
Water tightness:	$\Delta P \geq 700Pa$ (6 级)
Wind pressure resistance:	$P3 \geq 5.0kPa$ (9 级)
Insulation performance:	$\leq 1.908W / (m^2 \cdot k)$
Sound insulation performance:	$\geq 40dB$ (5 级)

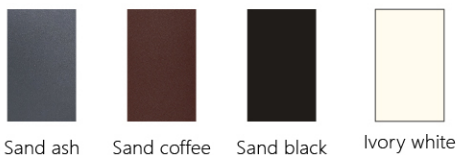


Scenario application:
Study/bathroom/kitchen/staircase/storage
room/balcony

TECHNICAL PARAMETER

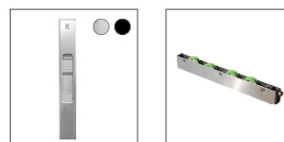
Profile wall thickness	1.2mm/1.4mm/2.0mm	Window frame occupying the wall	66mm
Glass fan size	68mm wide * 28mm thick	Size of yarn fan	41mm wide * 18mm thick
Glass configuration	5mm+8A+5mm	Yarn mesh configuration	06 Steel mesh
Fan width range	$\leq 1200mm$	Fan height range	$\leq 1600mm$
Ground wheel bearing capacity	$\leq 40KG$	Fixed method	Fixed piece+mortar/80mm * 8mm screw installation
Wrapping the edge and covering the wall	30mm		

PRODUCT COLOR



Sand ash Sand coffee Sand black Ivory white

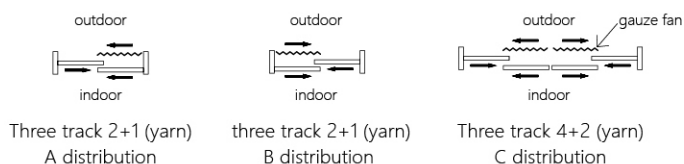
HARDWARE ACCESSORIES



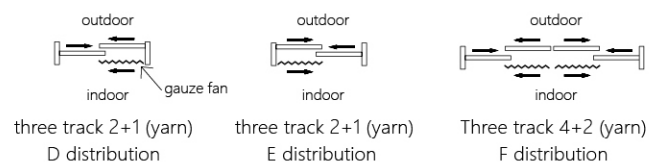
Flat lock
(Black/Silver)

Lower rail 304
ground wheel

YARN MESH IS PUSHED AND PULLED EXTERNALLY



YARN MESH INTERNAL PUSH PULL METHOD





95 SLIDING DOOR

Scenario application: Entrance gate/balcony/kitchen/study

95 SLIDING DOOR

PRODUCT CHARACTERISTICS

1. The surface is sprayed with Akzo Nobel powder or printed with Italian heat transfer wood grain.
2. The aluminum material adopts 6063-T5 primary aluminum.
3. Double layer 5mm Xinyi tempered glass, more practical for sound insulation and heat insulation.
4. The upper rail adopts adjustable anti swing wheels to prevent the door leaf from shaking.
5. The lower rail adopts 304 stainless steel rail, which is more silent and smooth when pushed and pulled.
6. Embedded door frame, strong sealing, and good sound insulation.
7. The lower track adopts an 8mm high barrier free track for easy walking.

PERFORMANCE

Air tightness:	$q1 \leq 0.5m^3 / (m^2 \cdot h)$ 8 级
Water tightness:	$\Delta P \geq 700Pa$ (6 级)
Wind pressure resistance:	$P3 \geq 5.0kPa$ (9 级)
Insulation performance:	$\leq 1.908W / (m^2 \cdot K)$
Sound insulation performance:	$\geq 40dB$ (5 级)



Scenario application:
Entrance gate/balcony/kitchen/study

TECHNICAL PARAMETER

Profile wall thickness	2.0mm	Door frame occupying wall	Double track 95mm/triple track 145mm
Glass fan size	Width 85mm * thickness 37mm	Size of yarn fan	85mm wide * 37mm thick
Glass configuration	5mm+9A+5mm	Yarn mesh configuration	06 Golden Steel Mesh
Fan width range	$\leq 2500mm$	Fan height range	$\leq 2600mm$
Ground wheel bearing capacity	$\leq 300KG$	Fixed method	Fixed piece+mortar/80mm * 8mm screw installation

PRODUCT COLOR



Sand ash Sand coffee Sand black Ivory white

WOOD GRAIN COLOR

(CAN ONLY BE USED INDOORS)



Walnut Rose wood Gold oak Teakwood

*Kind reminder:
The colors of this series can be different inside and outside

HARDWARE ACCESSORIES

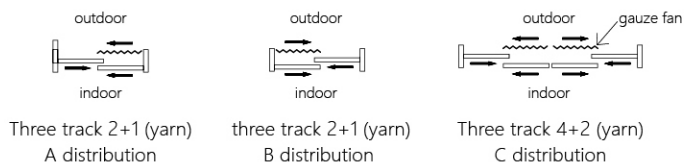


Flat lock
(Black/Silver)

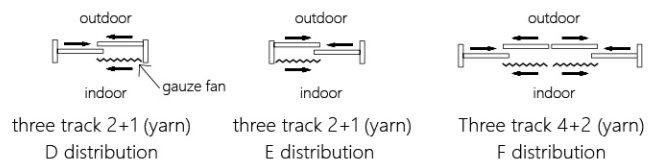
Lower rail 304
ground wheel

Upper rail anti
swing wheel

YARN MESH IS PUSHED AND PULLED EXTERNALLY



YARN MESH INTERNAL PUSH PULL METHOD



40 CASEMENT WINDOWS WITH WRAPPED EDGES

PRODUCT CHARACTERISTICS

1. The surface is sprayed with Akzo Nobel powder or printed with Italian heat transfer wood grain.
2. The aluminum material adopts 6063-T5 primary aluminum.
3. Double layer 5mm Xinyi tempered glass, more practical for sound insulation and heat insulation.
4. The use of 304 stainless steel load-bearing hinges makes switching easier.
5. Automotive grade EPDM sealant strip.
6. It can be optionally equipped without wrapping.

PERFORMANCE

Air tightness:	$q1 \leq 0.5m^3 / (m^2 \cdot h)$ 8 级
Water tightness:	$\Delta P \geq 700Pa$ (6 级)
Wind pressure resistance:	$P3 \geq 5.0kPa$ (9 级)
Insulation performance:	$\leq 1.908W / (m^2 \cdot K)$
Sound insulation performance:	$\geq 40dB$ (5 级)



Scenario application:
Study bathroom/kitchen/storage room/staircase

TECHNICAL PARAMETER

Profile wall thickness	1.2mm	Window frame occupying the wall	35mm
Glass fan size	Outdoor width 66mm * thickness 40mm	Glass configuration	5mm+8A+5mm
Fan width range	$\leq 700mm$	Fan height range	$\leq 1400mm$
Hinge load-bearing	$\leq 40KG$	Fixed method	Fixed piece+mortar/80mm * 8mm screw installation
Wrapping the edge and covering the wall	30mm		

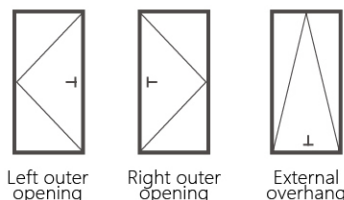
PRODUCT COLOR



HARDWARE ACCESSORIES



WINDOW SASH EXTERNAL OPENING MODE



Scenario application: Study bathroom/kitchen/storage room/staircase

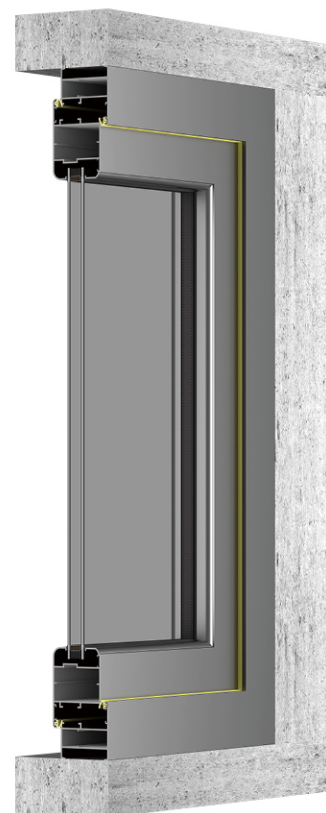
50 SWING DOOR

PRODUCT CHARACTERISTICS

1. The surface is sprayed with Akzo Nobel powder or printed with Italian heat transfer wood grain.
2. The aluminum material adopts 6063-T5 primary aluminum.
3. Double layer 5mm Xinyi tempered glass, more practical for sound insulation and heat insulation.
4. The use of 304 stainless steel load-bearing hinges makes switching easier.
5. Automotive grade EPDM sealant strip
6. Single layer glass is optional.
7. Can be used as a double door/sub door

PERFORMANCE

Air tightness:	$q_1 \leq 0.5 \text{ m}^3 / (\text{m}^2 \cdot \text{h})$ 8 级
Water tightness:	$\Delta P \geq 700 \text{ Pa}$ (6 级)
Wind pressure resistance:	$P_3 \geq 5.0 \text{ kPa}$ (9 级)
Insulation performance:	$\leq 1.908 \text{ W} / (\text{m}^2 \cdot \text{K})$
Sound insulation performance:	$\geq 40 \text{ dB}$ (5 级)



Scenario application:
Balcony/Storage Room/Outdoor Space

TECHNICAL PARAMETER

Profile wall thickness	1.4mm	Window frame occupying the wall	50mm
Glass fan size	Outdoor width 72mm * thickness 50mm	Glass configuration	5mm+8A+5mm
Fan width range	$\leq 800 \text{ mm}$	Fan height range	$\leq 2600 \text{ mm}$
Hinge load-bearing	$\leq 60 \text{ KG}$	Fixed method	Fixed piece+mortar/80mm * 8mm screw installation

PRODUCT COLOR

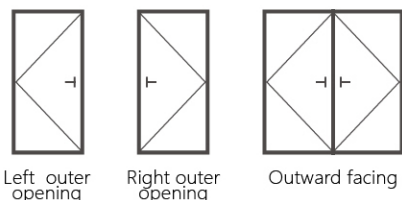


WOOD GRAIN COLOR: (CAN ONLY BE USED INDOORS)

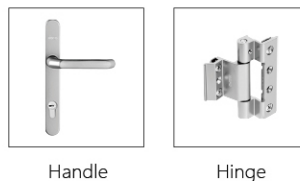


*Kind reminder: The colors of this series can be different inside and outside

DOOR LEAF OPENING METHOD



HARDWARE ACCESSORIES



Scenario application: Balcony/Storage Room/Outdoor Space