

*Window and door*



## 佛山广一佰金属制品有限公司

Foshan Oneplus Windows and Doors Co., Ltd.

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## 广一佰产品图册

ONEPLUS  
PRODUCT CATALOGUE



## » ABOUT US

广一佰门窗建材，位于广东佛山建材之都，专注门窗生产行业十余年，主要出口美国、加拿大、澳大利亚等国家。我们拥有完整的门窗认证系统，工厂产品符合国家最高检验标准！

我们主营产品有铝合金折叠门、铝合金推拉门、铝合金平开门、铝合金平开窗、铝合金推拉窗、阳光房、幕墙等。

广一佰始终致力于为客户提供一站式门窗解决方案。专业高端定制服务，10年售后品质保障，行业技术领先品牌。

广一佰解决您对门窗的一切需求！专业承接国内外家装、别墅、工程、项目等业务，欢迎联系我们。

Oneplus building materials windows and doors, located in the building materials capital of Foshan, Guangdong, focus on the door and window production industry for more than ten years, mainly exported to the United States, Canada, Australia and other countries. We have a complete door and window certification system, and the factory products meet the highest national inspection standards!

Our main products are aluminum alloy folding doors, aluminum alloy sliding doors, aluminum alloy swing doors, aluminum alloy casement windows, aluminum alloy sliding windows, sun rooms, curtainwalls, etc.

The head has always been committed to providing customers with one-stop door and window procurement solutions. Professional high-end customized service, 10-year after-sales quality assurance, leading brand in industry technology.

The master solves all your needs for doors and windows! Professional to undertake domestic and foreign home improvement, villas, engineering, projects and other businesses, welcome to contact us.

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## Success stories

onePlus's users all over the world and numerous engineering cases have become a powerful case for onePlus to continuously provide new options and solutions for architectural designers and developers.

## Reliable durable

onePlus products have passed a series of rigorous experimental tests in Europe and the United States and practical tests of buildings around the world.

## Rich product range

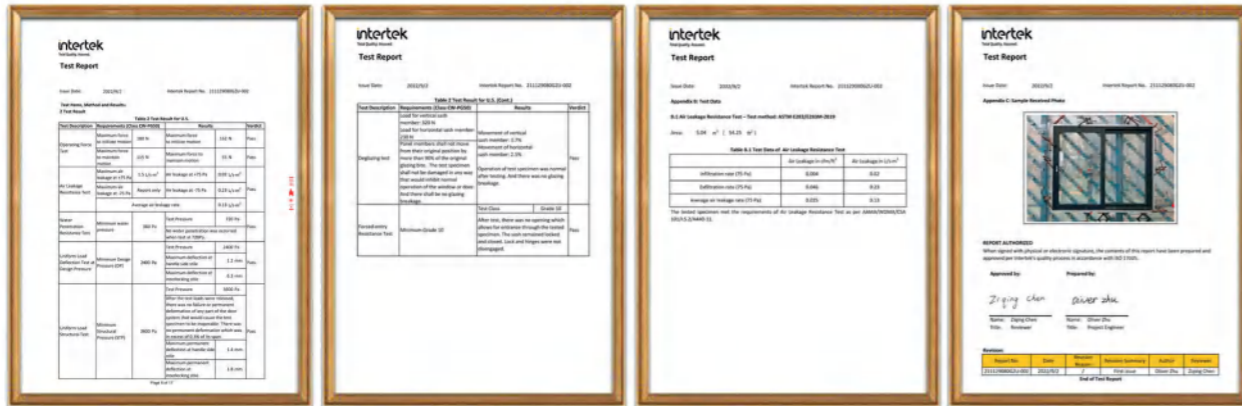
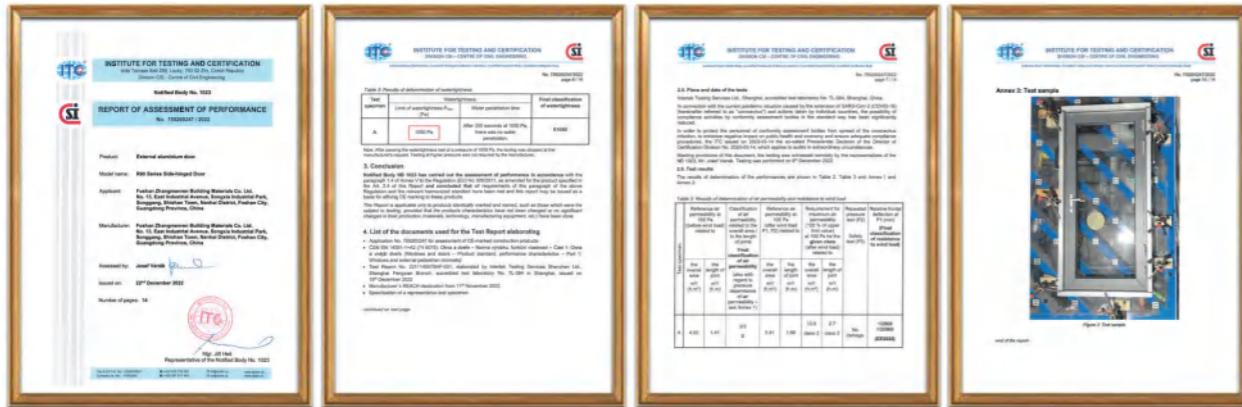
onePlus's products can meet various opening methods, and provide customers with scientific and comprehensive solutions according to the market and customers' needs for performance and safety.

## continuous innovation

Through continuous research and development, design and introduction of more product categories, oneplus has always maintained a leading level of quality and technology.



# CERTIFICATE



AAMA/WDMA/CSA 101/I.S.2/A440-11 (NAFS 2011 - North American Fenestration Standard / Specification for Windows, Doors and Skylights)  
 CSA A440S1-17 (Canadian Supplement to AAMA/WDMA/CSA 101/I.S.2/A440-11)

## PRODUCTS ARE SOLD ALL OVER THE WORLD



## 60 COUNTRIES DISTRIBUTION NETWORK IS WORLDWIDE

The profile has high strength, and its safety performance, meets international standards. Double-layer Low-e glass, aluminum casement window NFRC test U value  $\leq 0.27$ , SHGC  $\leq 0.17$ . Full sealing system for sliding doors, casement windows, swing doors, and folding doors, American standard watertightness 720Pa, CE watertightness 1050Pa, AS2047 watertightness 600Pa, wind pressure 5040Pa, air leakage rate  $\leq 0.01$ , sound insulation performance Rw up to 37dB. Good anti-corrosion performance, longer service life, shelf life 30 years.






## HURRICANE IMPACT WINDOW

Oneplus hurricane windows provide the most beneficial protection for your home and building.

*Various types of window designs are available: casement windows, sliding windows, folding windows, hanging windows, rolling up windows.*



Suitable for  
bedroom, balcony, kitchen, bathroom  
Give you a comfortable living space



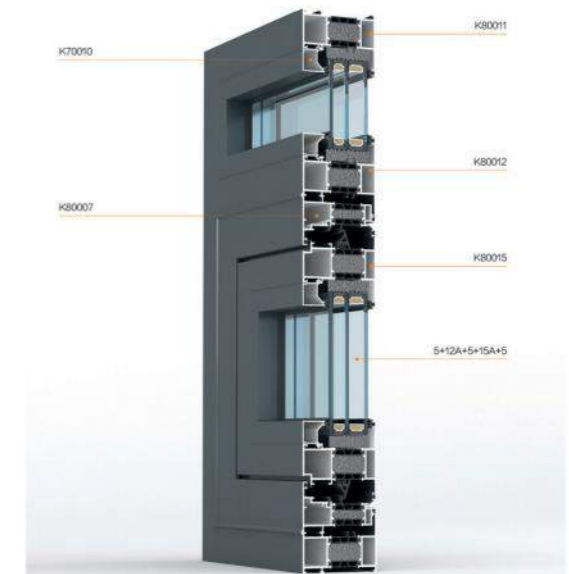
The windows have excellent performance, even in the environment of hurricanes or heavy rains, the windows can also protect the safety of the family well.



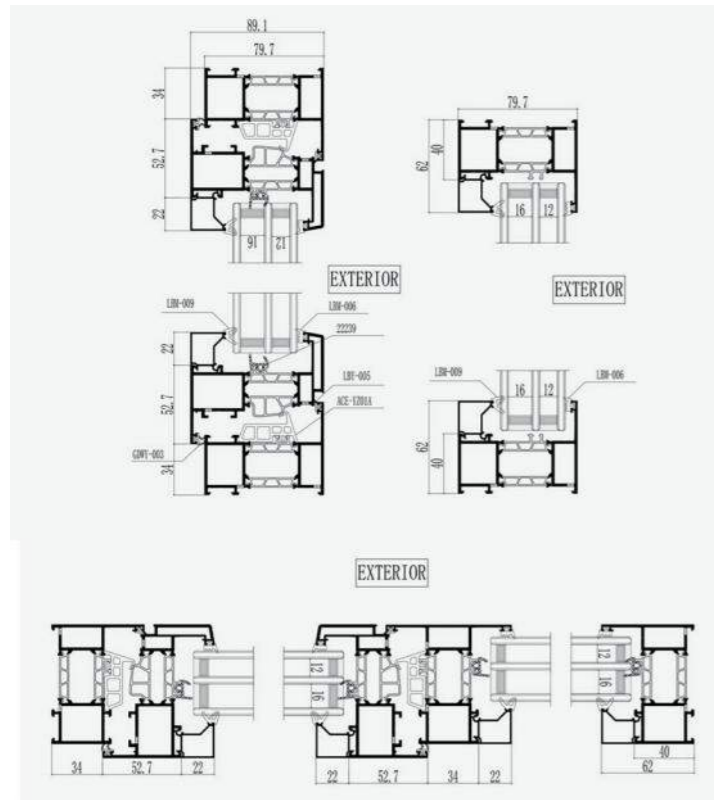
# 90 Aluminum series casement window

## Product Parameters

Thickness	2.0 mm
Bearing	100 KG
Blade width	400-1300mm
Blade height	400-2000mm
Standard glass	5+12A+5+15A+5mm
Hardware	GIESSE / KIN LONG



## Base Color



intertek  
Test Report

Report No: 20220723 Intertek Report No: 2022FAM0201-002

Test Description	Requirements (Class CEN EN1256)	Results	Standard
Wind Load Resistance Test	Maximum air leakage at 175 Pa: 0.5 L/s/m² Maximum air leakage at 175 Pa: Report only Average air leakage rate	Air leakage at +175 Pa: 0.02 L/s/m² Air leakage at -175 Pa: 0.02 L/s/m² 0.02 L/s/m²	EN1256
Water Penetration Resistance Test	Minimum water pressure: 500 Pa No water penetration was observed after 120 min of testing.	Test Pressure: 500 Pa No water penetration was observed after 120 min of testing.	EN1256
Handrail Load Deflection Test at Design Pressure	Minimum Design Pressure (DP): 2000 Pa Maximum deflection at handle side	Test Pressure: 2000 Pa Maximum deflection at handle side: 0.8 mm	EN1256
Handrail Load Deflection Test	Minimum Design Pressure (DP): 2000 Pa Maximum deflection at handle side	Test Pressure: 2000 Pa Maximum deflection at handle side: 0.5 mm	EN1256

intertek  
Test Report

Report No: 20220723 Intertek Report No: 2022FAM0202-002

Test Description	Requirements (Class CEN EN1256)	Results	Standard
U-value measurement	Permissible U-value for the window: 0.5 W/m²K	U-value at 1200 Pa: 0.27 W/m²K	EN1256
Sound insulation	Permissible sound reduction index: 2.0 dB	Sound reduction index at 1200 Pa: 2.25 dB	EN1256

AAMA-tested and NFRC-certified high-performance casement windows, The structure is flexible, and it can be opened inwardly, outwardly, overhung, tilted and rotated, etc. Glue injection process to increase corner strength Indoor rubber strip seal, easy to install and replace the glass

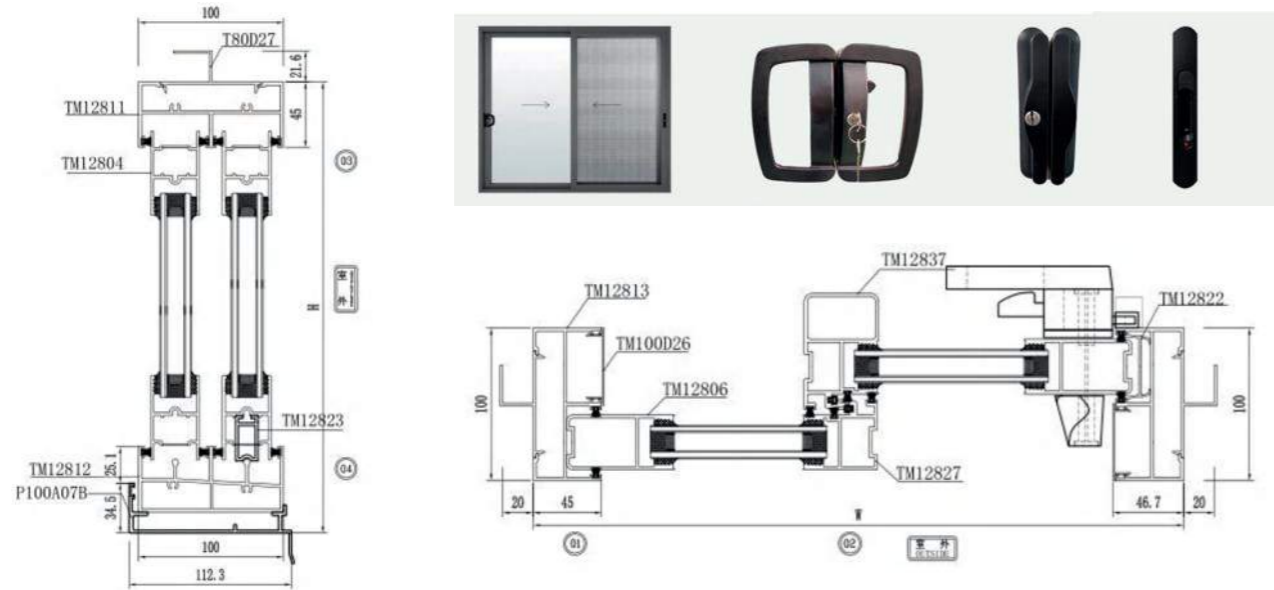
**Basic parameters:**

- Thermal insulation performance: UW 0.27W/m²K
- Sound insulation performance: Rw up to 37dB
- Wind pressure resistance performance: +5040Pa
- Watertight performance: +720Pa

# 100 sliding window / door

## Product Parameters

Thickness	2.0 mm
Bearing	80 KG -100KG
Blade width	600-1500mm
Blade height	600-2800mm
Standard glass	5+12A+5mm
Hardware	BONWAY



Non-insulated sliding window of Australian system,  
 We can make a variety of design schemes for two-track, three-track and three-track belt gauze,  
 The profile structure with waterproof board or sub-frame is more convenient for installation,  
 The sliding window is easy to use, low maintenance cost and economical.

**intertek**  
 Test Report  
 Issue Date: 2022/12/19  
 Report No.: 2200039902-004  
 Client: Foshan Bosheng Metal Co., Ltd.  
 Address: No. 11 East Industrial Avenue, Sangang Temple Industrial Park, Shidian Town, Nanhai District, Foshan City, China  
 Product: Sliding window  
 Model: 100 series  
 Material: Aluminum alloy  
 Glass: 5+12A+5mm  
 Hardware: BONWAY  
 Test Method: AS/NZS 4200.1:2019  
 Test Results: Pass

**intertek**  
 Test Report  
 Issue Date: 2022/12/19  
 Report No.: 2200039902-004  
 Client: Foshan Bosheng Metal Co., Ltd.  
 Address: No. 11 East Industrial Avenue, Sangang Temple Industrial Park, Shidian Town, Nanhai District, Foshan City, China  
 Product: Sliding window  
 Model: 100 series  
 Material: Aluminum alloy  
 Glass: 5+12A+5mm  
 Hardware: BONWAY  
 Test Method: AS/NZS 4200.1:2019  
 Test Results: Pass

**intertek**  
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 Address: No. 11 East Industrial Avenue, Sangang Temple Industrial Park, Shidian Town, Nanhai District, Foshan City, China  
 Product: Sliding window  
 Model: 100 series  
 Material: Aluminum alloy  
 Glass: 5+12A+5mm  
 Hardware: BONWAY  
 Test Method: AS/NZS 4200.1:2019  
 Test Results: Pass

**intertek**  
 Test Report  
 Issue Date: 2022/12/19  
 Report No.: 2200039902-004  
 Client: Foshan Bosheng Metal Co., Ltd.  
 Address: No. 11 East Industrial Avenue, Sangang Temple Industrial Park, Shidian Town, Nanhai District, Foshan City, China  
 Product: Sliding window  
 Model: 100 series  
 Material: Aluminum alloy  
 Glass: 5+12A+5mm  
 Hardware: BONWAY  
 Test Method: AS/NZS 4200.1:2019  
 Test Results: Pass

**Basic parameters:**

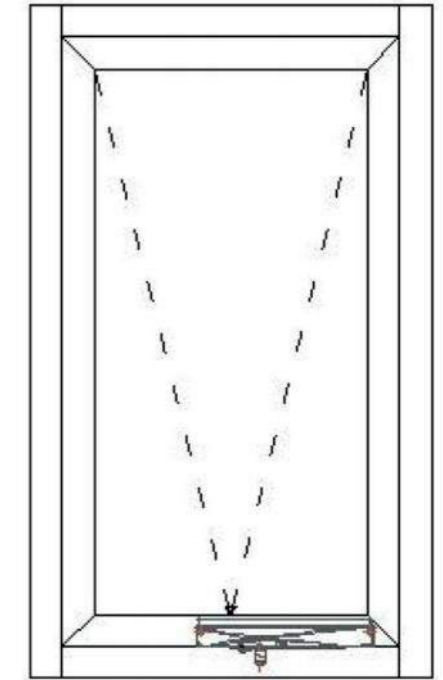
- WERS Data: Uw Range 3.5 - 6.4
- Design SLS/ULS: 2000Pa
- Sound Insulation: Rw up to 37dB
- Design Water Resistance: 200Pa



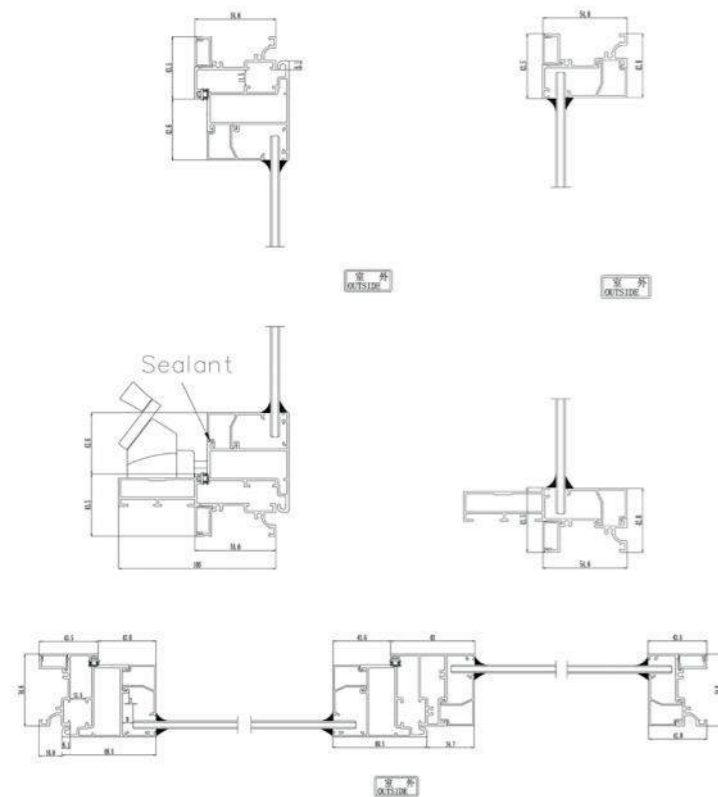
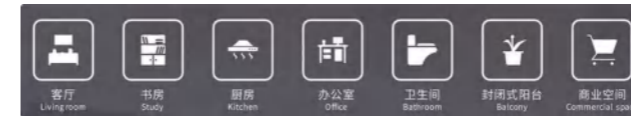
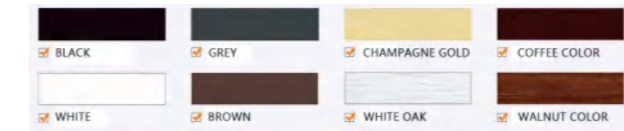
# 55 Awning window

## Product Parameters

Thickness	1.4 mm
Bearing	60 KG
Blade width	400-800mm
Blade height	400-2000mm
Standard glass	5+12A+5 mm
Hardware	BONWAY / KIN LONG



## Base Color



**intertek**  
Test Report

Report No. 20220724 Intertek Report No. 2200100020-002

Test Name, Method and Standard:

Table 1 Product Information

1. Manufacturer	Guangdong Wing King Hardware Products Co., Ltd
2. Model	AW55
3. Material	6063-T5 Aluminum Alloy
4. Thickness of Glass	5mm (Single) + 12mm (Air Gap) + 5mm (Double)
5. Thickness of Window	120mm (Single) + 120mm (Air Gap) + 120mm (Double)
6. Surface Treatment	Electrocoat
7. Hardware	Mechanically assembled (Standard)
8. Finishing	Electrocoat (RAL 7035) / Anodized (Type 2)
9. Installation	Standard (Guangdong Wing King Hardware Products Co., Ltd)
10. Test Method	AS/NZS 4200.1:2019
11. Test Facility	Intertek (Guangdong Wing King Hardware Products Co., Ltd)
12. Test Date	20220724
13. Test Location	Guangdong Wing King Hardware Products Co., Ltd
14. Test Operator	Intertek
15. Test Result	Pass
16. Test Report	Intertek

**intertek**  
Test Report

Report No. 20220724 Intertek Report No. 2200100020-002

Test Name, Method and Standard:

Table 2 Test Results

Test Item	Test Method	Test Result	Pass/Fail
Deflection / Open Ratio	AS/NZS 4200.1:2019	100%	Pass
Water Penetration	AS/NZS 4200.1:2019	0	Pass
Airtightness	AS/NZS 4200.1:2019	0.5	Pass
Sound Insulation	AS/NZS 4200.1:2019	37dB	Pass
Wind Pressure Resistance	AS/NZS 4200.1:2019	+2000Pa	Pass
Waterproof Performance	AS/NZS 4200.1:2019	600Pa	Pass

**intertek**  
Test Report

Report No. 20220724 Intertek Report No. 2200100020-002

Test Name, Method and Standard:

Table 3 Test Results of Deflection Test

Member	Test Point	Deflection (mm)	Deflection Ratio (%)
Member 1	1	0.0	0.0
	2	0.0	0.0
	3	0.0	0.0
	4	0.0	0.0
Member 2	1	0.0	0.0
	2	0.0	0.0
	3	0.0	0.0
	4	0.0	0.0

**intertek**  
Test Report

Report No. 20220724 Intertek Report No. 2200100020-002

Test Name, Method and Standard:

Table 4 Test Results of Airtightness Test

Member	Test Point	Airtightness (m³/s/m²)	Airtightness Ratio (%)
Member 1	1	0.0	0.0
	2	0.0	0.0
	3	0.0	0.0
	4	0.0	0.0
Member 2	1	0.0	0.0
	2	0.0	0.0
	3	0.0	0.0
	4	0.0	0.0

Non-insulated Australian standard hanging window and casement window

Home improvement series, has passed the highest testing and certification of AS2047

The profile structure with waterproof wood board or sub-frame is more convenient for installation

## Basic parameters:

Therma insulation performance:  
3.5-6.4

Wnd pressure resistance performance  
+2000Pa

Sound insulation performance  
Rw up to 37dB

Watertight performance:  
+600Pa



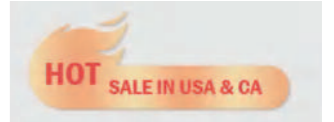
# D Hot Recommend Doors Series



Extreme cold weather

Cold resistant - 30 °C accessories  
Can improve the performance of  
the aluminum door

ZMR Window And Door  
Solve the difficulty of opening  
the door in winter



## ENERGY-SAVING DOOR

**Oneplus Insulation silent door**  
Provide a comfortable environment for your family and enjoy a good life.

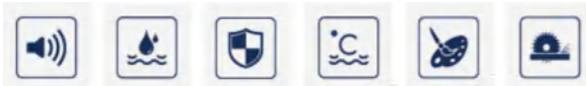
*Various types of door designs are available:  
Swing doors, sliding doors, folding doors,  
Lift doors, wooden doors, garage doors*



★★★★★  
**GARAGE  
DOOR**



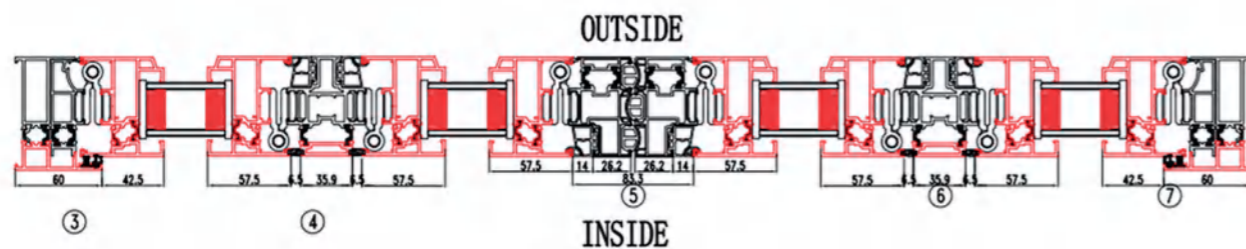
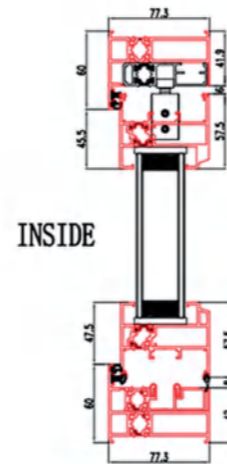
Hotel wooden door  
Fireproof, Smokeproof, Soundproof, Paintless  
Moisture-proof, anti-deformation, multiple protection  
Real materials, make quality products



Folding door has beautiful appearance, various styles and colors, easy to install and use, and can effectively save the space occupied by the door body;

Most of the folding doors are made of lighter new materials, which have the functions of heat insulation, heat insulation, moisture resistance, flame retardant, noise reduction, sound insulation and so on.

Has good acid and alkali resistance and corrosion resistance. Therefore, folding is especially suitable as balcony door, living room door, back door, garden door, etc.



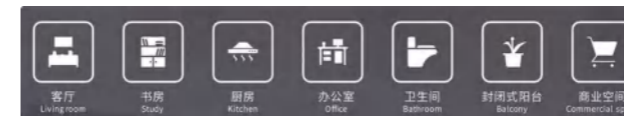
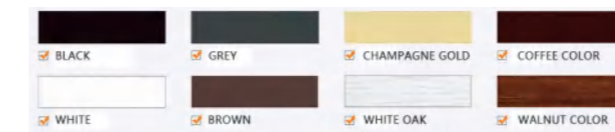
## 80 Aluminum series folding door

### Product Parameters

Thickness	2.0 mm
Bearing	120 KG
Blade width	600-900mm
Blade height	1500-3500mm
Standard glass	5+27A+5mm
Hardware	kerssenberg



### Base Color



Fully automatic locking function, the door can be locked with one pull, safe and easy to operate

Fully hidden hinges and pulley blocks make the appearance more concise and beautiful

It can be designed with any number of fans, and can be designed with a 90-degree corner without columns, and the design is flexible

### Basic parameters:



Therma insulation performance:  
UW1.7W/m<sup>2</sup>K



Wnd pressure resistance performance  
+3600Pa



Sound insulaton performance  
Rw up to 37dB



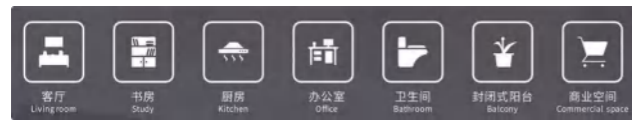
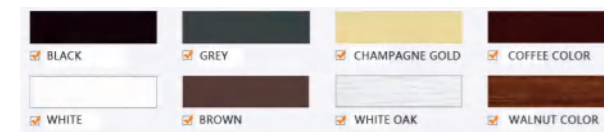
Watertight performance:  
+720Pa

# 90 Aluminum series swing door

## Product Parameters

Thickness	2.0 mm
Bearing	150 KG
Blade width	600-1300mm
Blade height	1500-3500mm
Standard glass	5+12A+5+15A+5mm
Hardware	GIESSE / KIN LONG

## Base Color



CE certified products with the highest performance, three performance testing, creating a record for Intertek The overall sealing system of the European standard system is super durable and can effectively ensure the airtightness, watertightness and sound insulation performance.

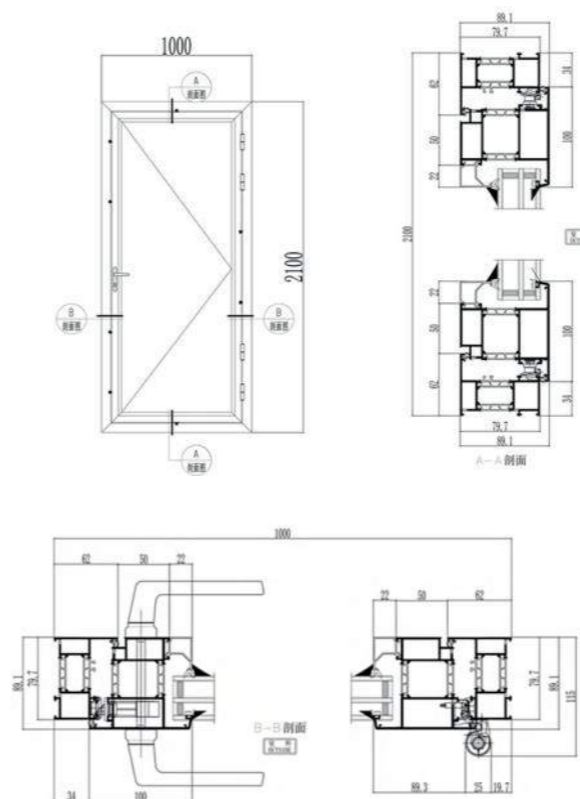
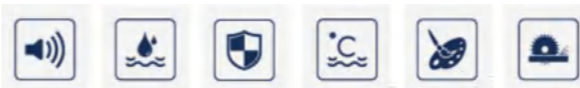
### Basic parameters:

Therma insulation performance: UW 0.27W/m²K

Wnd pressure resistance performance +5040Pa

Sound insulaton performance Rw up to 37dB

Watertight performance: +1050Pa



**INSTITUTE FOR TESTING AND CERTIFICATION**  
No. 75502547/2022

**REPORT OF ASSESSMENT OF PERFORMANCE**

Product: External aluminum door

Model name: 90 Series Side-Swing Door

Manufacturer: Foshan Zhongmen Building Materials Co., Ltd.

Assessed by: Jozef Vanh

Issued on: 22<sup>nd</sup> December 2022

Number of pages: 14

Mr. Jih Hei, Representative of the Member Body No. 1023

Table 2: Results of determination of air permeability and resistance to wind load

Test result	Reference air permeability at 100 Pa (q <sub>100</sub> )	Classification of permeability (after wind load)	Reference air permeability at 100 Pa (q <sub>100</sub> )	Requirement for permeability (after wind load)	Reference air permeability at 100 Pa (q <sub>100</sub> )	Classification of permeability (after wind load)	Reference air permeability at 100 Pa (q <sub>100</sub> )	Requirement for permeability (after wind load)
A	4.02	1.41	3.0	5.41	1.89	10.0	2.7	No damage

Table 3: Results of determination of airtightness

Test equipment	Classification of airtightness	Final classification of airtightness
A	100 Pa	E1000

Table 4: List of the documents used for the Test Report elaborating

Document	Reference
Application No. 75502547 for assessment of CE-marked construction products	EN 14353-1+2 (1-2)
CE mark	EN 14353-1+2 (1-2)
Test Report No. 2021-1002040-001, elaborated by Intertek Testing Services (Shanghai) Ltd., Shanghai, China, accredited test laboratory No. TL-504 in Shanghai, issued on 10 <sup>th</sup> December 2022	EN 14353-1+2 (1-2)
Manufacturer's REACH declaration from 17 <sup>th</sup> November 2022	EN 14353-1+2 (1-2)
Specification of a representative test specimen	EN 14353-1+2 (1-2)



# 125 Slim frame series sliding door

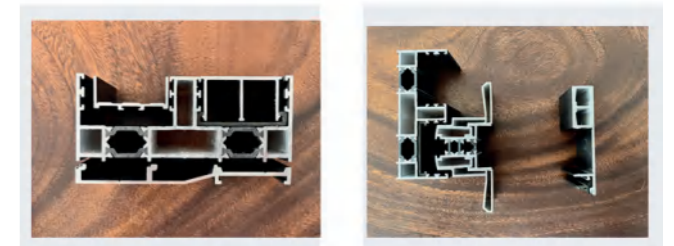
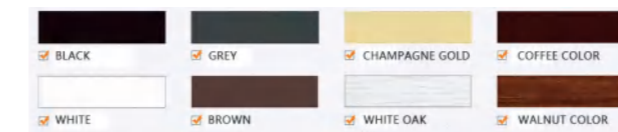
## Product Parameters

Thickness	3.0 mm
Bearing	400 KG
Blade width	600-2000mm
Blade height	1500-3500mm
Standard glass	5+27A+5mm
Hardware	JINGSHENG



Buried track

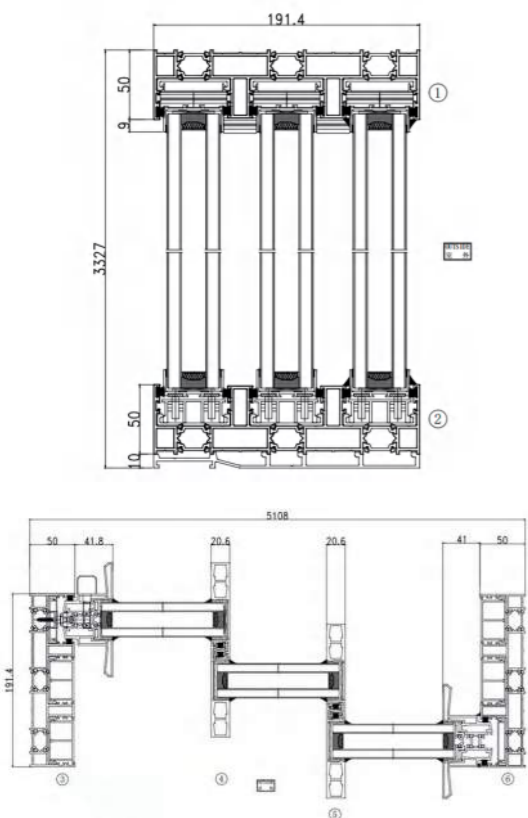
## Base Color



125 series heavy extremely narrow sliding door adopts multi row wheel design, which has better performance of large bearing and durability. 20mm extremely narrow sector gives you a wide view.

### Basic parameters:

- Therma insulation performance:  $UW1.5W/m^2K$
- Wnd pressure resistance performance:  $+2000Pa$
- Sound insulaton performance:  $Rw$  up to 37dB
- Watertight performance:  $+330Pa$



intertek  
Intertek Testing Services (Shenzhen) Ltd. Guangdong Branch  
Room 402 & 403, No. 42, Foshan Road, Hongqiao Street, Guangzhou  
Guangdong Province, China  
Tel: 86-832-80888 Fax: 86-832-81738  
Website: www.intertek.com

#### Test Report

Issue Date: 2023/1/10 Intertek Report No.: ZJ3031105GZC-001

#### Test Items, Method and Results:

**1 Test Samples**  
Sample was submitted to Intertek directly from the client. Sample was not independently selected for testing. Sample was received at the Customer Center on December 6, 2022. A full scale sample of Sliding Door (Model: 125-4150-Sliding Door) was provided by the manufacturer that was not conditioned for conditioning. The description of the samples given below has been prepared from information provided by the sponsor of the test. All values quoted are nominal, unless otherwise are given.

Table 1 Product Information	
Product Name	125-4150 Sliding Door
Model	125-4150 Sliding Door
Dimension of Door Frame	1914 mm (Width) x 2027 mm (Height) x 30 mm (Thickness)
Dimension of Door Leaf	1500 mm (Width) x 2026 mm (Height) x 30 mm (Thickness)
Material	Aluminum
Frame Color	White
Hardware	Aluminum
Weather-strip	EPDM
Thermal break	Yes
Drainage	Yes

#### Test Items, Method and Results:

##### 2 Test Result

Test Description	Requirements	Results	Verdict
Air Leakage Resistance Test	Maximum air leakage at +75 Pa: 2.5 L/s/m² Maximum air leakage at -75 Pa: 2.5 L/s/m²	Air leakage at +75 Pa: 1.30 L/s/m² Air leakage at -75 Pa: 0.30 L/s/m²	Pass
Water Penetration Resistance Test	No uncontrolled water leakage pressure: 300 Pa	Test Pressure: 300 Pa No water penetration was occurred when tested at 300Pa.	Pass
Uniform Load Deflection Test	Design Pressure: 2040 Pa	Maximum deflection at handle side stile: 2.8 mm Maximum deflection at intermediate stile: 23.6 mm Maximum deflection at fixed stile: 22.2 mm	Pass
Structural Test	Design Pressure: 2040 Pa	Max. net permanent deformation at handle side stile: 0.8 mm Max. net permanent deformation at intermediate stile: 1.1 mm Max. net permanent deformation at fixed stile: 1.1 mm	Pass

intertek  
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Tel: 86-832-80888 Fax: 86-832-81738  
Website: www.intertek.com

#### Test Report

Issue Date: 2023/1/10 Intertek Report No.: ZJ3031105GZC-001

#### Appendix C: Sample Received Photo



#### REPORT AUTHORIZED

When signed with physical or electronic signature, the contents of this report have been prepared and approved per Intertek's quality process in accordance with ISO 17025.

Approved by: Ziqing Chen  
Title: Reviewer

Prepared by: Oliver Zhu  
Title: Project Engineer

Revision:

Project No.: 223031105GZC-001  
Date: 2023/1/10  
Revision: 1  
Revision Description: First issue  
Author: Oliver Zhu  
Drawing Date: Ziqing Chen

End of Test Report

intertek  
Intertek Testing Services (Shenzhen) Ltd. Guangdong Branch  
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Guangdong Province, China  
Tel: 86-832-80888 Fax: 86-832-81738  
Website: www.intertek.com

#### Test Report

Issue Date: 2023/1/10 Intertek Report No.: ZJ3031105GZC-001

Table 1 Product Information	
Product Name	125-4150 Sliding Door
Model	125-4150 Sliding Door
Dimension of Door Frame	1914 mm (Width) x 2027 mm (Height) x 30 mm (Thickness)
Dimension of Door Leaf	1500 mm (Width) x 2026 mm (Height) x 30 mm (Thickness)
Material	Aluminum
Frame Color	White
Hardware	Aluminum
Weather-strip	EPDM
Thermal break	Yes
Drainage	Yes

#### TEST METHODS AND STANDARDS

Sections 9.3.2, 9.3.3 and 9.3.4 of CSA A440-17 (North American Fenestration Standard / Specification for Windows, Doors and Skylights)  
CSA A440-17 (Canadian Supplement to ANSI/MILMA/CMA 305.3.2.30-040-17)

The sample ID number was ZJ3031105GZC-001. The drawings of the representative sample were referenced in Appendix A, the test date was referenced in Appendix B and the photo of the representative sample was referenced in Appendix C.

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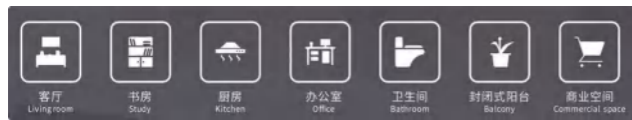
TEST LOCATION: G-1 Building Heping Fair, Tongping Street, Jiangcheng District, Guangzhou, China

# 150 Aluminum series sliding door

## Product Parameters

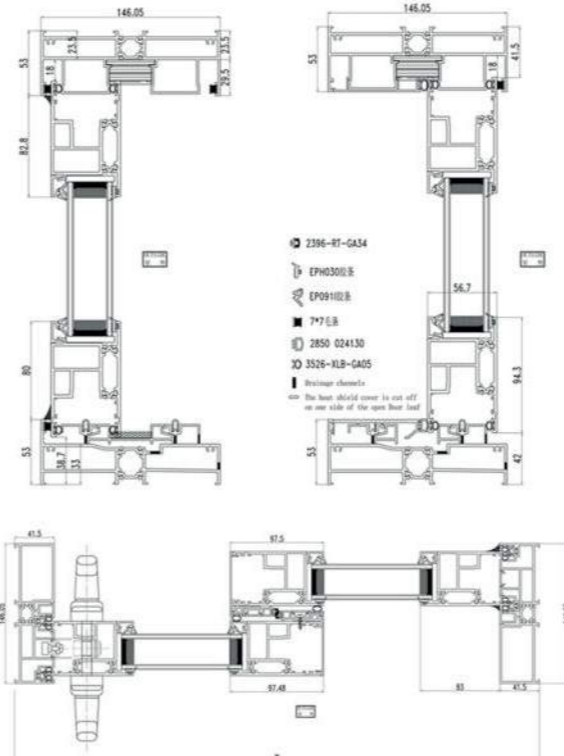
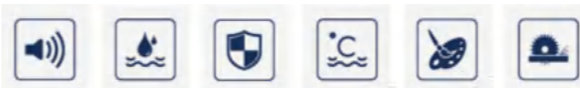
Thickness	2.5 mm
Bearing	400 KG
Blade width	600-2000mm
Blade height	1500-3500mm
Standard glass	5+27A+5mm
Hardware	CASEMENT WINDOW

## Base Color



The 150 lift sliding door system has passed 720pa AAMA Intertek testing for water tightness, and has been recognized by many customers worldwide.

Fully functional, it can be used for lifting and sliding, fixed leaf, ordinary sliding and other functions, and can be used as a magnetic suspension electric sliding door.



### intertek Test Report

Test Report Summary: Table 1 Test Results for U.S. Standard

Test Description	Requirements (Per U.S. Standard)	Results	Pass/Fail
Spanning Force	Minimum force 100 N	Maximum force 100 N	Pass
Air Leakage	Maximum air leakage at 175 Pa 0.5 L/s/m²	Air leakage at 175 Pa 0.5 L/s/m²	Pass
Water Penetration	Minimum water pressure 300 Pa	No water penetration was observed	Pass
Surface Load Deflection	Minimum Deflection 2400 Pa	Deflection at 2400 Pa 0.3 mm	Pass
Surface Load	Minimum Pressure 3000 Pa	After the test loads were released, there was no lateral or permanent deformation of any part of the door system that would cause the test apparatus to be inoperative. There was no permanent deformation with a maximum of 0.3 mm of the test apparatus at handle with 3000 Pa	Pass

### intertek Test Report

Test Report Summary: Table 2 Test Results for U.S. Standard

Test Description	Requirements (Per U.S. Standard)	Results	Pass/Fail
Spanning Force	Minimum force 100 N	Maximum force 100 N	Pass
Air Leakage	Maximum air leakage at 175 Pa 0.5 L/s/m²	Air leakage at 175 Pa 0.5 L/s/m²	Pass
Water Penetration	Minimum water pressure 300 Pa	No water penetration was observed	Pass
Surface Load Deflection	Minimum Deflection 2400 Pa	Deflection at 2400 Pa 0.3 mm	Pass
Surface Load	Minimum Pressure 3000 Pa	After the test loads were released, there was no lateral or permanent deformation of any part of the door system that would cause the test apparatus to be inoperative. There was no permanent deformation with a maximum of 0.3 mm of the test apparatus at handle with 3000 Pa	Pass

### intertek Test Report

Test Report Summary: Table 3 Test Results for U.S. Standard

Test Description	Requirements (Per U.S. Standard)	Results	Pass/Fail
Spanning Force	Minimum force 100 N	Maximum force 100 N	Pass
Air Leakage	Maximum air leakage at 175 Pa 0.5 L/s/m²	Air leakage at 175 Pa 0.5 L/s/m²	Pass
Water Penetration	Minimum water pressure 300 Pa	No water penetration was observed	Pass
Surface Load Deflection	Minimum Deflection 2400 Pa	Deflection at 2400 Pa 0.3 mm	Pass
Surface Load	Minimum Pressure 3000 Pa	After the test loads were released, there was no lateral or permanent deformation of any part of the door system that would cause the test apparatus to be inoperative. There was no permanent deformation with a maximum of 0.3 mm of the test apparatus at handle with 3000 Pa	Pass

### intertek Test Report

Test Report Summary: Table 4 Test Results for U.S. Standard

Test Description	Requirements (Per U.S. Standard)	Results	Pass/Fail
Spanning Force	Minimum force 100 N	Maximum force 100 N	Pass
Air Leakage	Maximum air leakage at 175 Pa 0.5 L/s/m²	Air leakage at 175 Pa 0.5 L/s/m²	Pass
Water Penetration	Minimum water pressure 300 Pa	No water penetration was observed	Pass
Surface Load Deflection	Minimum Deflection 2400 Pa	Deflection at 2400 Pa 0.3 mm	Pass
Surface Load	Minimum Pressure 3000 Pa	After the test loads were released, there was no lateral or permanent deformation of any part of the door system that would cause the test apparatus to be inoperative. There was no permanent deformation with a maximum of 0.3 mm of the test apparatus at handle with 3000 Pa	Pass

### Basic parameters:

- Therma insulation performance: UW1.7W/m²K
- Sound insulation performance: Rw up to 37dB
- Wind pressure resistance performance: +3600Pa
- Watertight performance: +720Pa



**60** *PVC / UPVC series*  
PVC Window and Door

Hot Products



*sliding window*



*shutters*



*sliding door*



*casement window*



*Swing door*



**120** *Aluminum series*  
sun room

Hot Products



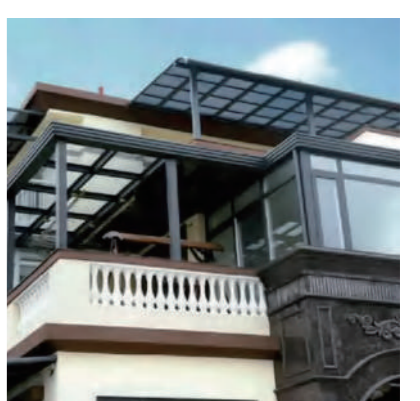
European style flat roof sunroom



full of sunshine



American style herringbone roof sun room



Roof Garden Sun Room

Home improvement villa



Project Engineering



Florida, United States, Engineering

Vancouver, Canada, villa



Our projects are mainly European and American home improvement, apartments, private villas and hotels.

