

THE ONE STOP SERVICE FOR ALL YOUR HOUSING PROJECT NEEDS

ALUMINUM DOOR AND WINDOW

THE ONE STOP SERVICE
FOR ALL YOUR HOUSING
PROJECT NEEDS



GBTS

Residential - Commercial
Custom Architectural Finish Products

**Zen Global Supply Inc.
Aluminum Window & Door Catalog**

Contact

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Rep for Zen Global Supply Inc.

513-800-1980 LloydPerlman@gbtsus.com

**ZEN GLOBAL SUPPLY SERVICES PRESENT –
FACTORY DIRECT TO YOU**

CERTIFICATE



Australian Standard

As2047 refers to the mandatory minimum specification by the Building Code Australia (BCA) for windows and doors used in Australia. It includes compliance to the Glass Standard AS1288-glass in buildings. The YY windows has been tested by a NTA approved testing facility for the achievement of As2047.



Florida Approval

Mandatory Tests (Tested in accordance with Florida Building Code Tests Protocols). YY windows product has been evaluated for use inside and outside of the HVHZ (High Velocity Hurricane Zone).



Australian Standard

This NOA is being issued under the applicable rules and regulations governing the use of construction materials. The documentation submitted has been reviewed and accepted by Miami-Dade County RER-Product Control Section to be used in Miami Dade County and other areas where allowed by the Authority Having Jurisdiction(AHJ).



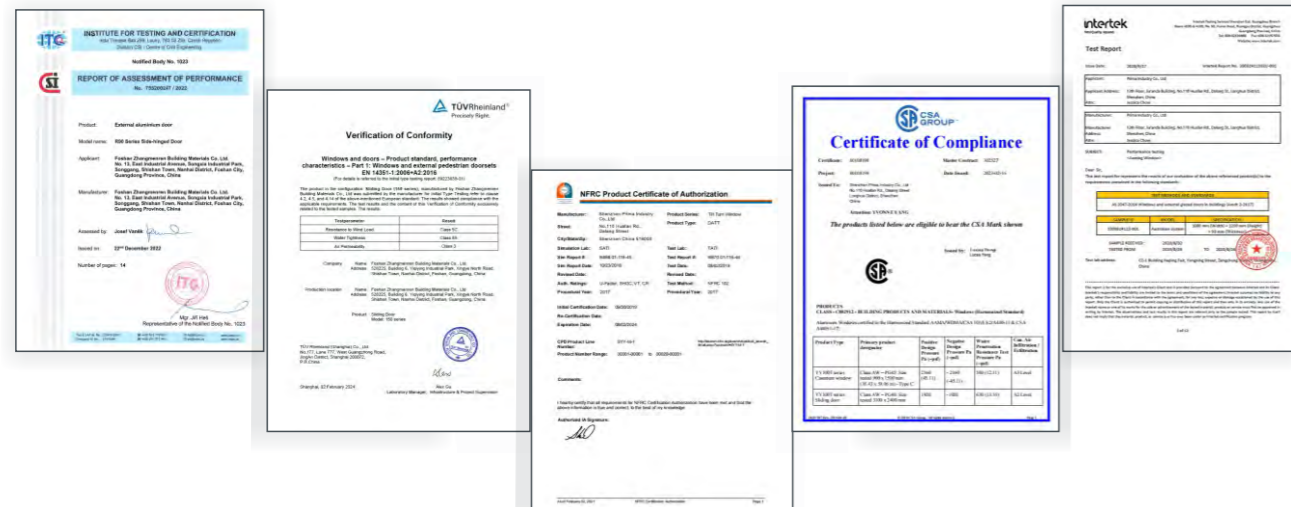
NFRC

Every NFRC-rated window has a label affixed to it displaying its ratings. NFRC window ratings are the best available, as they are used by the U.S. Environmental Protection Agency's ENERGY STAR® program to evaluate windows.



CSA Group

Canadian and U.S. verification: Our marks prove that energy efficiency requirements outlined by Natural Resources Canada(NRCan), Canadian provincial energy efficiency regulations, California Energy Commission(CEC), and the U.S. Department of Energy (DOE) have been fully met.



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A Aluminum Casement Window

50 Series Casement Window

>> Specifications

Item No: PRM-50

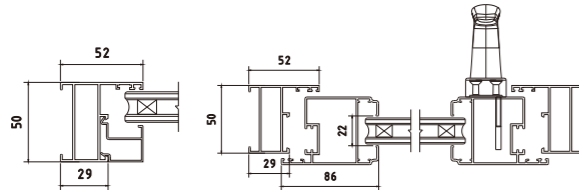
Series: 50mm

Surface Finish: Powder coating

Glass: Single glass / 5+12A+5mm insulated clear tempered

Alu Thickness: 1.4/1.6mm

Hardware: China top brand



55 Series Casement Window

>> Specifications

Item No: PRM-55

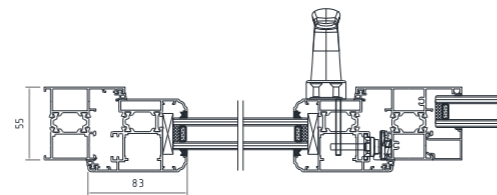
Series: 55mm

Surface Finish: Powder coating

Glass: Single glass / 5+12A+5mm insulated clear tempered

Alu Thickness: 1.4 / 1.8mm

Hardware: China top brand



108 Series Casement Window

>> Specifications

Item No: PRM-108

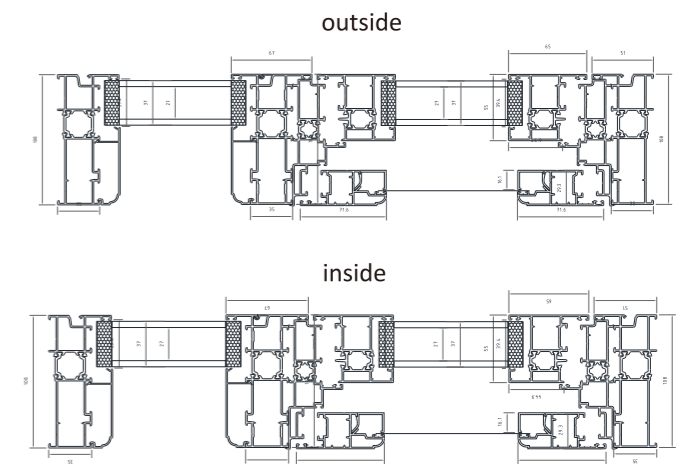
Series: 108mm

Surface Finish: Powder coating

Glass: 5+27A+5mm insulated clear tempered with stainless steel mesh

Alu Thickness: 1.4/1.6/2.0mm

Hardware: China top brand



B Aluminum Awning Window

50 Series Awning Window

>> Specifications

Item No: PRW-50-03

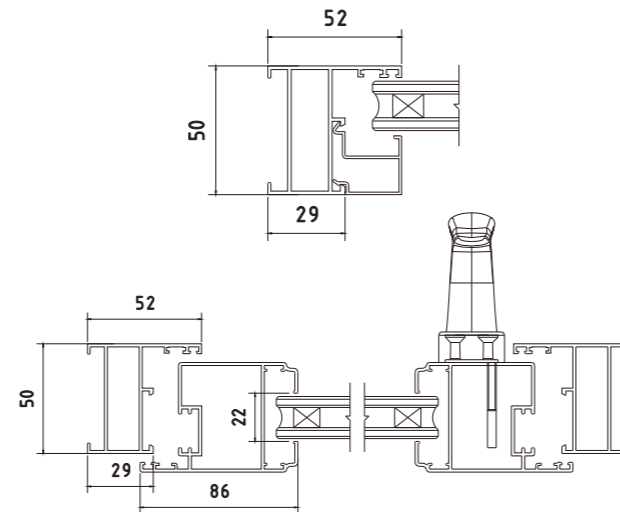
Series: 50mm

Surface Finish: Powder coating / PVDF coating

Glass: 5+12A+5mm insulated tempered glass

Alu Thickness: 1.4 / 1.6mm

Hardware: China top brand



55 Series Awning Window

>> Specifications

Item No: PRM-55-03

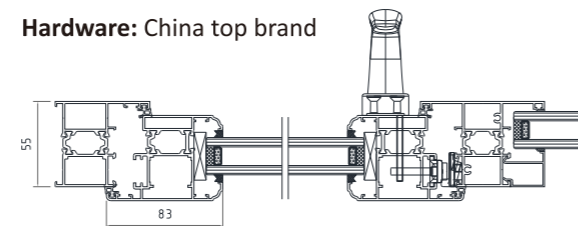
Series: 55mm

Surface Finish: Powder coating / PVDF coating

Glass: 5+12A+5mm insulated tempered glass

Alu Thickness: 1.4 / 1.8mm

Hardware: China top brand



108 Series Awning Window

>> Specifications

Item No: PRM-108-03

Series: 108mm

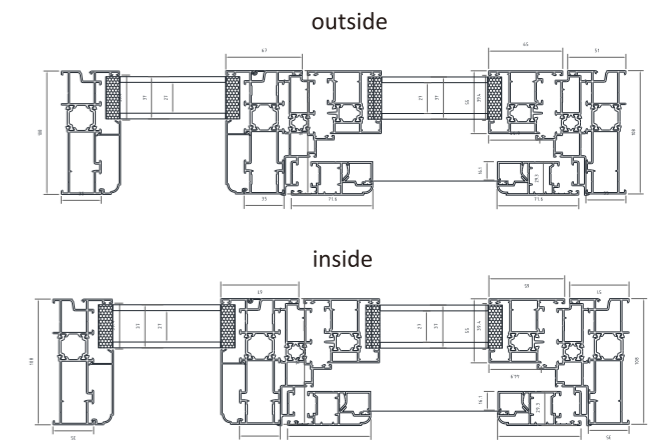
Surface Finish: Powder coating / PVDF coating

Glass: 5+27A+5mm insulated tempered glass

Alu Thickness: 1.4 / 1.6 / 2.0mm

Hardware: China top brand

Optional Configurations: Window Screen/Grille



C Aluminum Tilt & Turn Window

50 Series Tilt & Turn Window

>> Specifications

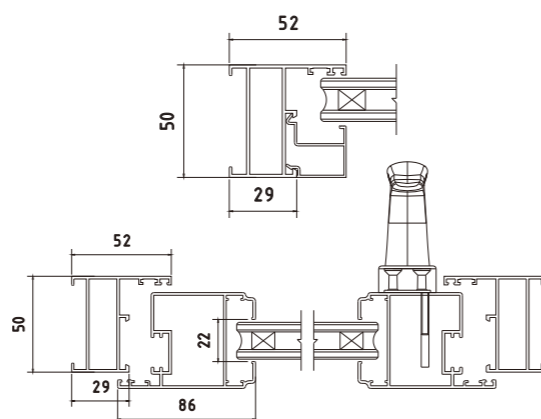
Item No: PRW-50-04

Series: 50mm

Surface Finish: Powder coating / PVDF coating

Glass: 5+12A+5mm insulated tempered glass

Alu Thickness: 1.4 / 1.6mm



55 Series Tilt & Turn Window

>> Specifications

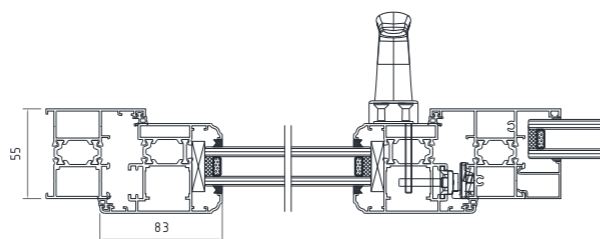
Item No: PRM-55-04

Series: 55mm

Surface Finish: Powder coating / PVDF coating

Glass: 5+12A+5mm insulated tempered glass

Alu Thickness: 1.4 / 1.8mm



108 Series Tilt & Turn Window

>> Specifications

Item No: PRM-108-04

Series: 108mm

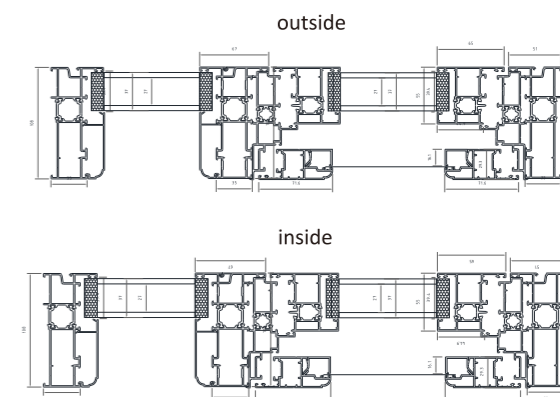
Surface Finish: Powder coating / PVDF coating

Glass: 5+27A+5mm insulated tempered glass

Alu Thickness: 1.4 / 1.6 / 2.0mm

Hardware: China top brand

Optional Configurations: Window Screen / Grille



D Aluminum Sliding Window

80 Series Sliding Window

>> Specifications

Item No: PRW-80-01

Series: 80mm

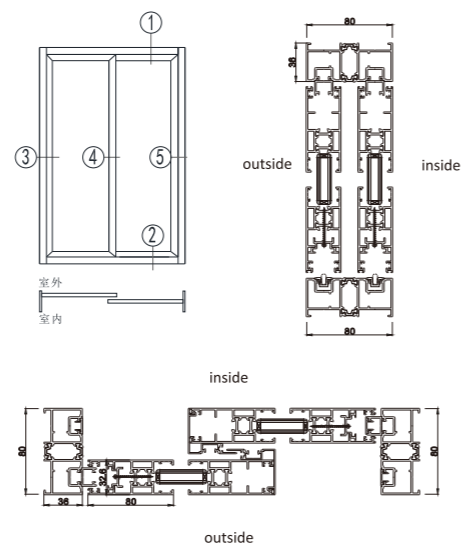
Surface Finish: Powder coating / PVDF coating

Glass: 5+12A+5mm insulated tempered glass

Alu Thickness: 1.4 / 1.6mm

Hardware: China top brand

Aluminum Profile: Thermal break / Non-thermal break



126 Series Sliding Window

>> Specifications

Item No: PRM-126-01

Series: 126mm

Surface Finish: Powder coating / PVDF coating

Glass: 5+12A+5mm insulated tempered glass

Alu Thickness: 1.4 / 1.6mm

Hardware: China top brand

Aluminum Profile: Thermal break / Non-thermal break



E Australia Standard Window and door

90 Series Australia Standard Window And Door (Residential Standard)

>> Specifications

Item No: PRA-90-01

Series: 90mm

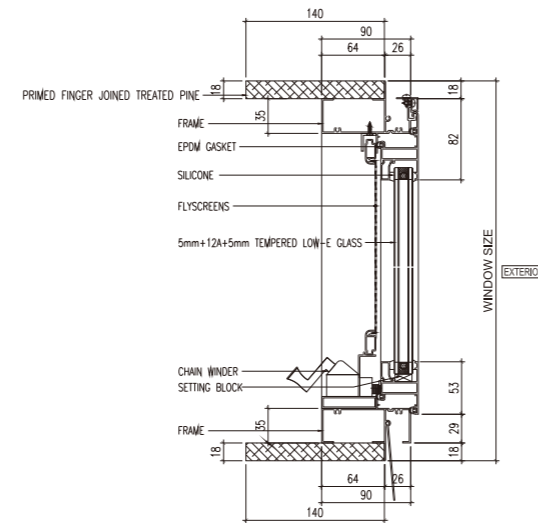
Surface Finish: Powder coating / PVDF coating

Glass: 5+9A+5mm insulated tempered glass

Alu Thickness: 1.4mm

Hardware: Australia Doric / China Kinlong

Fin: Wooden Fin



100 Series Australia Standard Window And Door (Commercial Standard)

>> Specifications

Item No: PRA-100-01

Series: 90mm

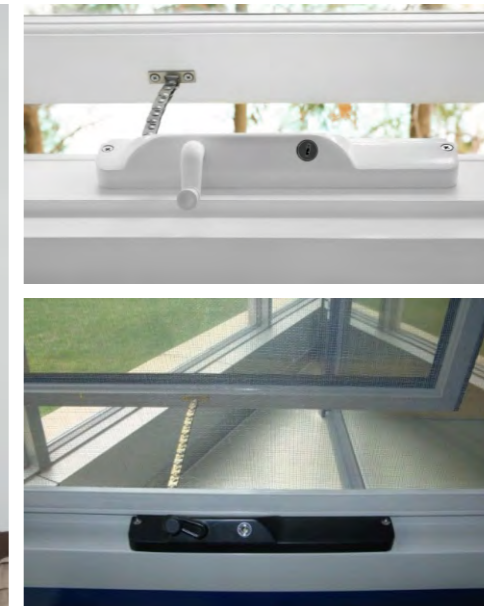
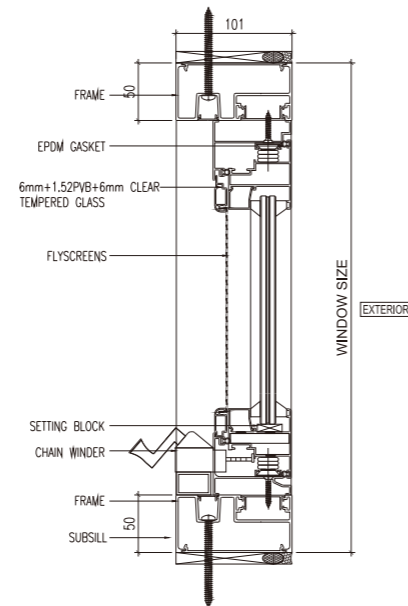
Surface Finish: Powder coating / PVDF coating

Glass: 5+9A+5mm insulated tempered glass

Alu Thickness: 1.4mm

Hardware: Australia Doric / China Kinlong

Fin: Aluminum Fin



F American Standard Windows and Doors

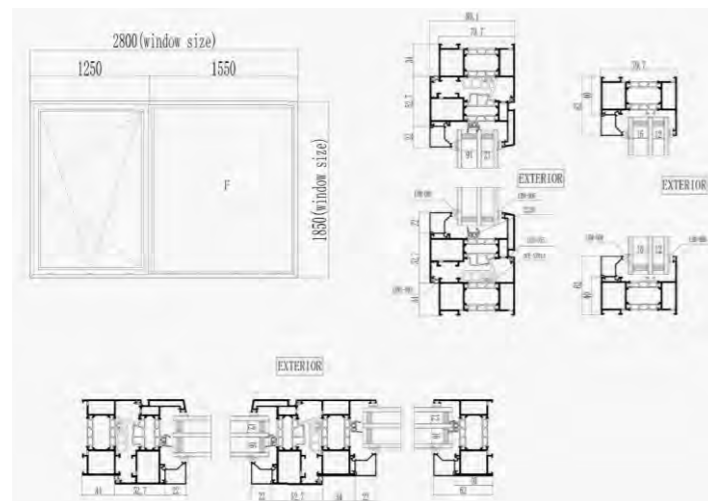
NFRC Certificate

NFRC Certificate(National Fenestration Rating Council),It is a non-profit organization dedicated to promoting the continuous improvement of windows, doors and skylights to make buildings more comfortable and energy efficient.



- U-Factor (Orange area) indicates the U value of windows and doors, which is the thermal insulation value. The range is: 0.20-1.20. The lower, the better.
- Visible Transmittance (Green area) Range: 0-1, the higher, the better.
- Solar Heat Gain Coefficient (Purple area) A parameter that measures the increase in interior temperature due to light, the range is: 0-1, the lower the better.
- Air Leakage (Blue area) Measures the value of air entering the interior, range: 0.1-0.3, the lower the better.

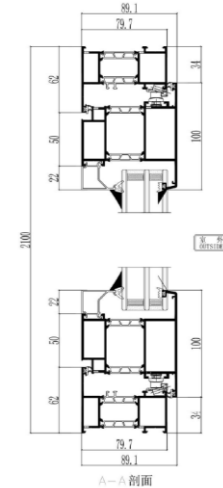
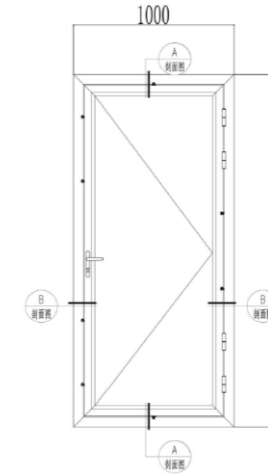
K80 Series Casement window, Profile thickness:2.0mm



Basic parameters:

- Thermal insulation properties: **32°C UW1.4W/m² K**
- Wind pressure resistance performance: **+5040Pa**
- Sound insulation performance: **Rw up to 37dB**
- watertight performance: **+720Pa**

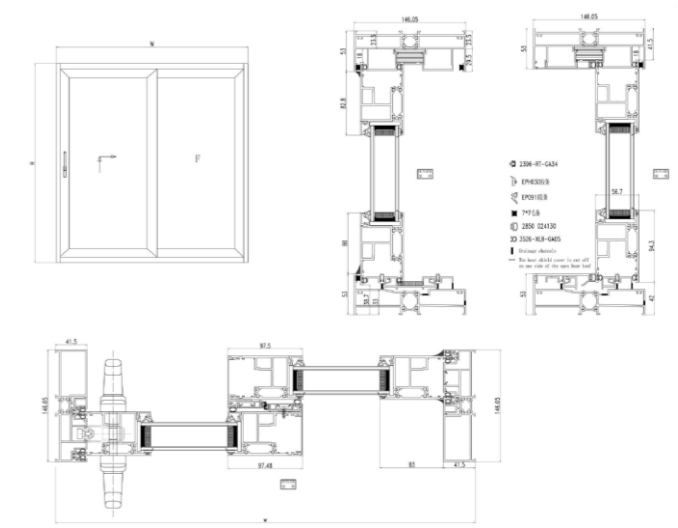
K80 Series Casement Door, Profile Thickness: 2.0mm



Basic parameters:

- Thermal insulation properties: **32°C UW1.4W/m² K**
- Wind pressure resistance performance: **+5040Pa**
- Sound insulation performance: **Rw up to 37dB**
- watertight performance: **+1050Pa**

150 Series Sliding door, Profile Thickness:2.0mm

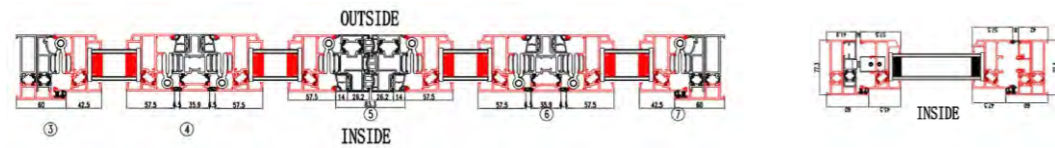


Basic parameters:

- Thermal insulation properties: **32°C UW1.7W/m² K**
- Wind pressure resistance performance: **+3600Pa**
- Sound insulation performance: **Rw up to 37dB**
- watertight performance: **+720Pa**

G Canada Standard Windows and Doors

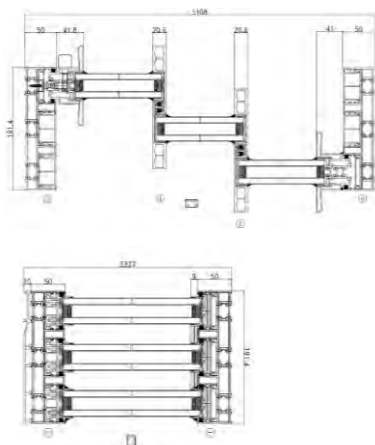
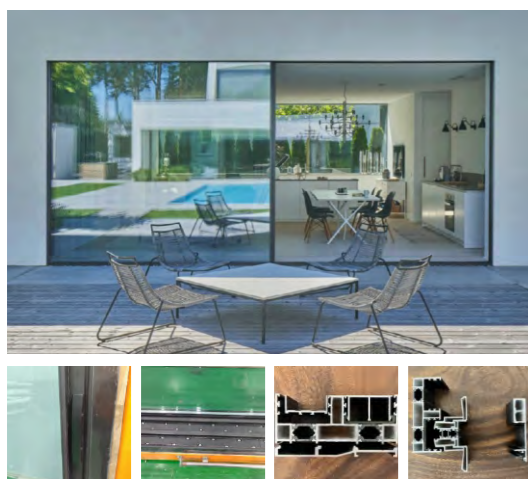
K80 Series Bi-Fold Door, Profile Thickness: 2.0mm



Basic parameters:

- Thermal insulation properties: **UW1.7W/m² K**
- Wind pressure resistance performance: **+3600Pa**
- Sound insulation performance: **Rw up to 37dB**
- watertight performance: **+720Pa**

125 Series Silm Sliding door, Profile Thickness: 3.0mm



Basic parameters:

- Thermal insulation properties: **UW1.5W/m² K**
- Wind pressure resistance performance: **+2160Pa**
- Sound insulation performance: **Rw up to 37dB**
- watertight performance: **+330Pa**



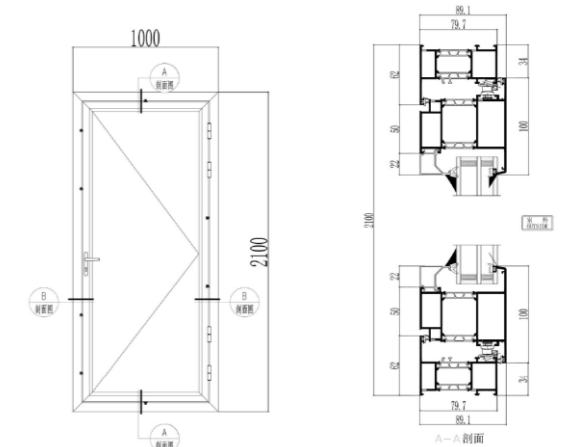
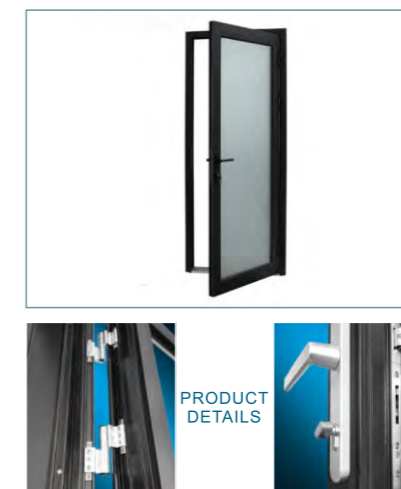
The CSA certification is one of the most well-known product safety approval standard in the world and is widely accepted and recognized by the global market, especially in North America. CSA International is licensed by the U.S. Occupational Safety and Health Administration (OSHA), listed as a U.S. Nationally Recognized Laboratory (NRTL), and authorized by the Standards Council of Canada (SCC).

In the United States and Canada, the CSA mark is recognized by regulatory authorities in health and safety, electrical, gas, construction, bathroom and many other fields. Therefore, CSA is the threshold of the Canadian market.

CSA certified windows and doors are the same product as NFRC certified.

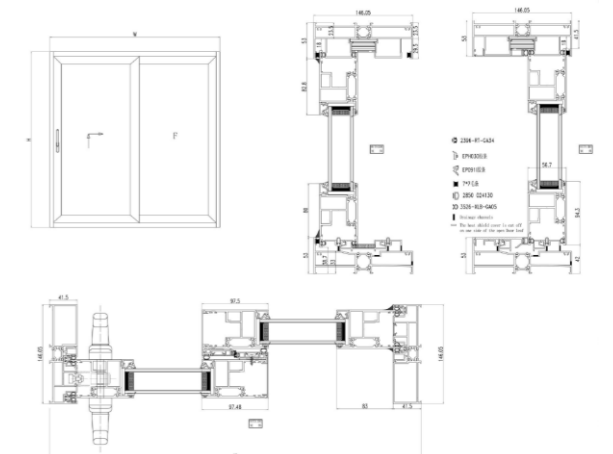
K80 Series Casement Door ,Profile Thickness: 2.0mm

- Thermal insulation properties: **UW1.4W/m² K**
- Wind pressure resistance performance: **+5040Pa**
- Sound insulation performance: **Rw up to 37dB**
- watertight performance: **+1050Pa**



150 Series Sliding door, Profile Thickness:2.0mm

- Thermal insulation properties: **UW1.7W/m² K**
- Wind pressure resistance performance: **+3600Pa**
- Sound insulation performance: **Rw up to 37dB**
- watertight performance: **+720Pa**



H Aluminum Louver Window

50 Series Aluminum Louver

>> Specifications

Item No: PRW-50-01

Louver Series: 50mm

Surface Finish: Powder coating

Louver Thickness: 1.1mm

Hardware: China top brand

Style: Fixed Louver / close-open louver



100 Series Aluminum Louver

>> Specifications

Item No: PRW-100-01

Louver Series: 100mm

Surface Finish: Powder coating

Louver Thickness: 1.1mm

Hardware: China top brand

Style: Fixed Louver / close-open louver

100 Series Aluminum Glass Louver

>> Specifications

Item No: PRX-100

Louver Series: 100mm

Surface Finish: Powder coating

Glass: 6mm tempered glass

Alu Thickness: 2.0mm

Hardware: China top brand



I Aluminum Hung Window

83 Series Hung Window

>> Specifications

Item No: PRW-83-01

Series: 83mm

Surface Finish: Powder coating

Glass: 5+12A+5mm insulated tempered glass

Alu Thickness: 1.4 / 1.6mm

Hardware: Covey USA

Type: Single Hung / Double Hung

Aluminum Profile: Thermal break / Non-thermal break



Z Aluminum Window Nailing Fin

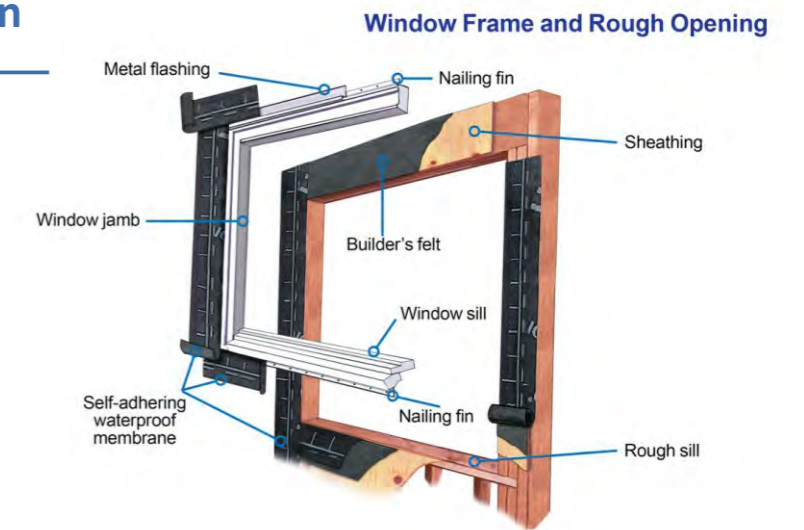
Aluminum Nailing Fin

>> Specifications

Item No: PRM-NF-01

Surface Finish: Powder coating

Function: Supporting installation



K Aluminum Casement Door

50 Series Casement Door

>> Specifications

Item No: PRD-50-01

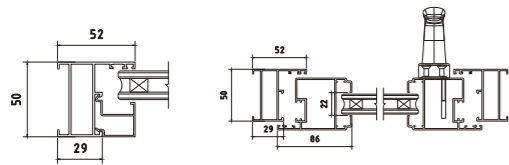
Series: 50mm

Surface Finish: Powder coating / PVDF coating

Glass: 5+12A+5mm insulated tempered glass

Alu Thickness: 1.4 / 1.6mm

Hardware: China top brand



55 Series Casement Door

>> Specifications

Item No: PRD-55-01

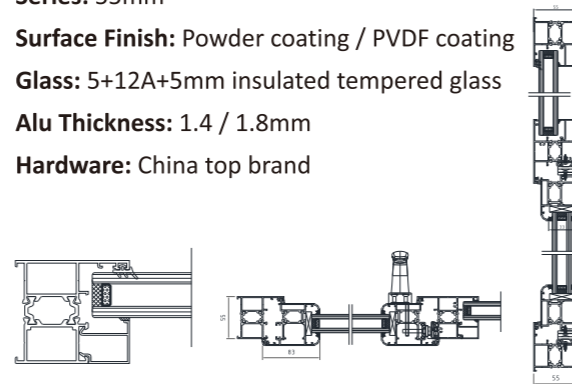
Series: 55mm

Surface Finish: Powder coating / PVDF coating

Glass: 5+12A+5mm insulated tempered glass

Alu Thickness: 1.4 / 1.8mm

Hardware: China top brand



108 Series Casement Door

>> Specifications

Item No: PRD-108-01

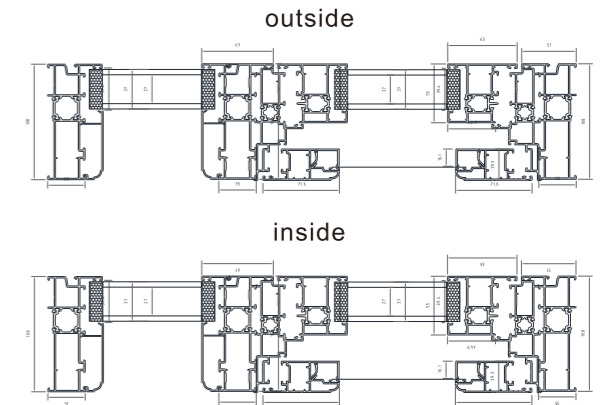
Series: 108mm

Surface Finish: Powder coating / PVDF coating

Glass: 5+27A+5mm insulated tempered glass

Alu Thickness: 1.4 / 1.6 / 2.0mm

Hardware: China top brand



L

80 series Casement Window & Awning Window & Tilt & Turn Window

>> Specifications

Item No: PRD-80-01

Series: 80mm

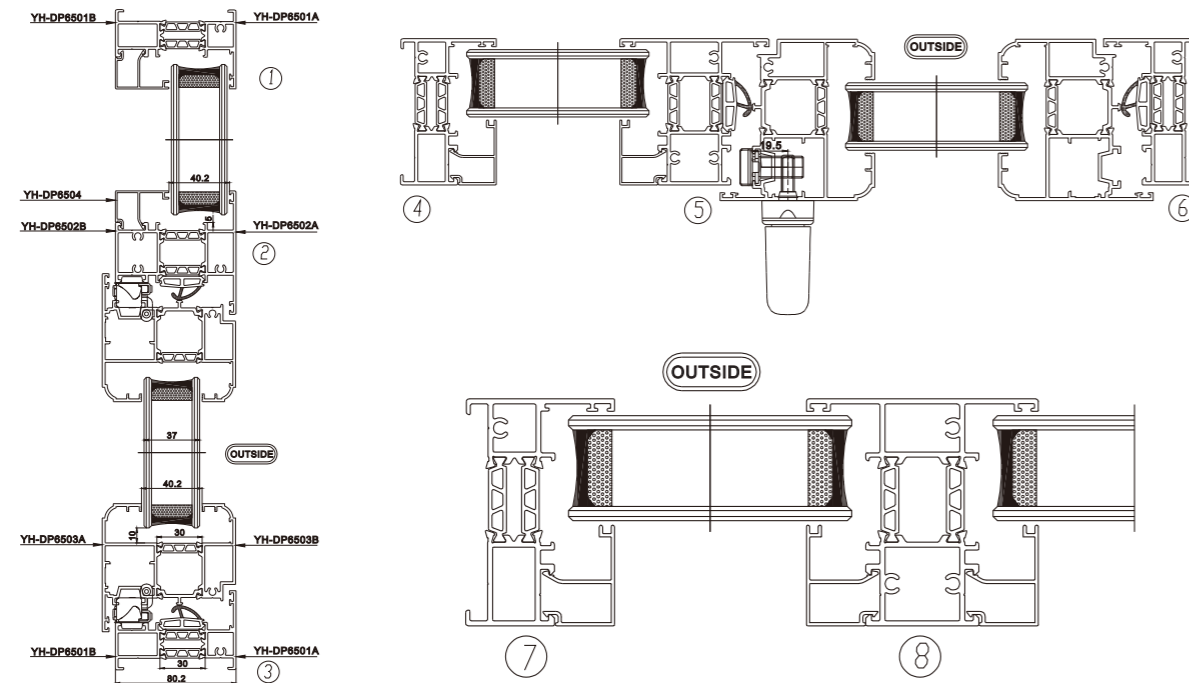
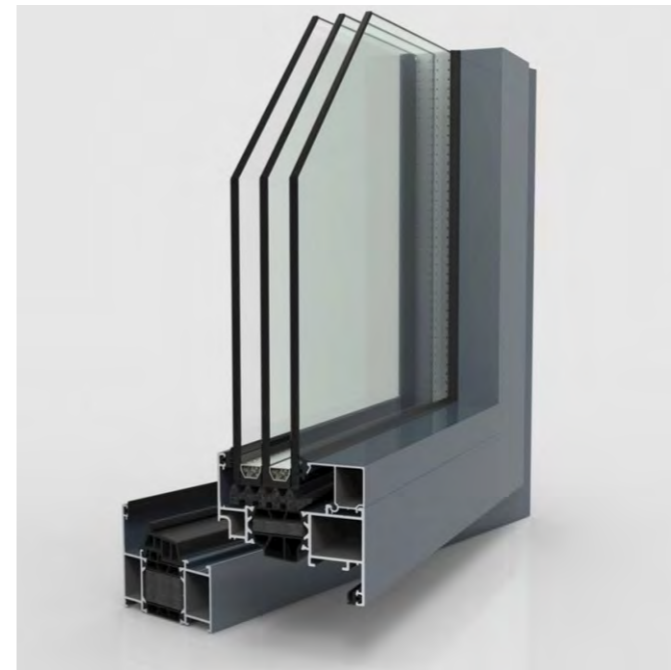
Surface Finish: Powder coating / PVDF coating

Glass: 5+27A+5mm insulated tempered glass

Alu Thickness: 2.0 mm

Hardware: China top brand

Aluminum Profile: Thermal break / Non-thermal break



M Aluminum Sliding Door

120 Series Sliding Door

>> Specifications

Item No: PRD-120-01

Series: 120mm

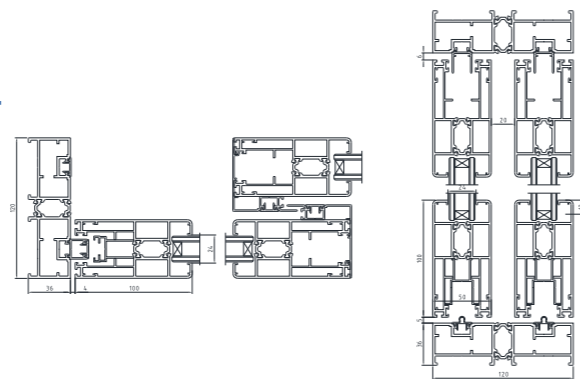
Surface Finish: Powder coating / PVDF coating

Glass: 5+12A+5mm insulated tempered glass

Alu Thickness: 1.6 / 2.0 / 1.8mm

Hardware: China top brand

Aluminum Profile: Thermal break / Non-thermal break



190 Series Sliding Door

>> Specifications

Item No: PRD-190-01

Series: 190mm

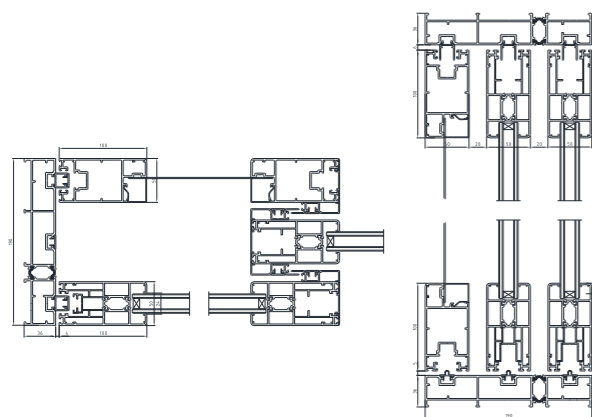
Surface Finish: Powder coating / PVDF coating

Glass: 5+12A+5mm insulated tempered glass

Alu Thickness: 1.6 / 2.0 / 1.8mm

Hardware: China top brand

Aluminum Profile: Thermal break / Non-thermal break



132/202 Series Sliding Door

>> Specifications

Item No: PRD-132-01 / PRD-202-01

Series: 132 / 202mm

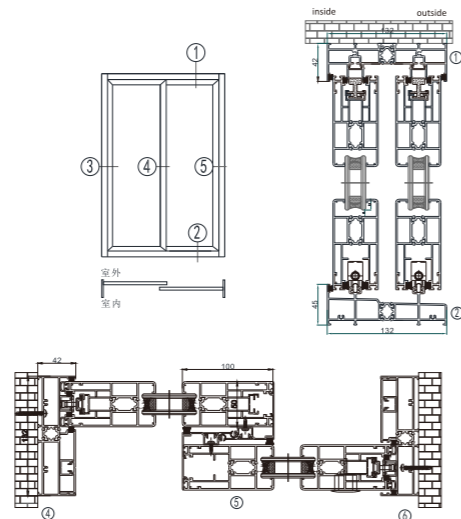
Surface Finish: Powder coating / PVDF coating

Glass: 5+12A+5mm insulated tempered glass

Alu Thickness: 1.6 / 2.0mm

Hardware: China top brand

Aluminum Profile: Thermal break / Non-thermal break



N Aluminum Bi-Fold Door

75 Series Bi-Fold Door

>> Specifications

Item No: PRD-75-01

Series: 75mm

Surface Finish: Powder coating / PVDF coating

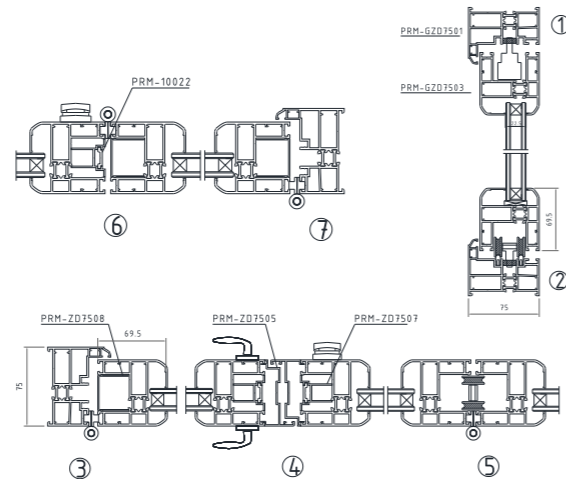
Glass: 5+27A+5mm insulated tempered glass

Alu Thickness: 1.8mm

Hardware: China top brand

Style: Single number Panel

Aluminum Profile: Thermal break / Non-thermal break



70 Series Bi-Fold Door

>> Specifications

Item No: PRD-70-01

Series: 70mm

Surface Finish: Powder coating / PVDF coating

Glass: 5+27A+5mm insulated tempered glass

Alu Thickness: 1.8mm

Hardware: China top brand

Style: Double number Panel

Aluminum Profile: Thermal break / Non-thermal break



0 Aluminum Slim Frame Door

16 Series Slim Sliding Door

>> Specifications

Item No: PRS-16-01

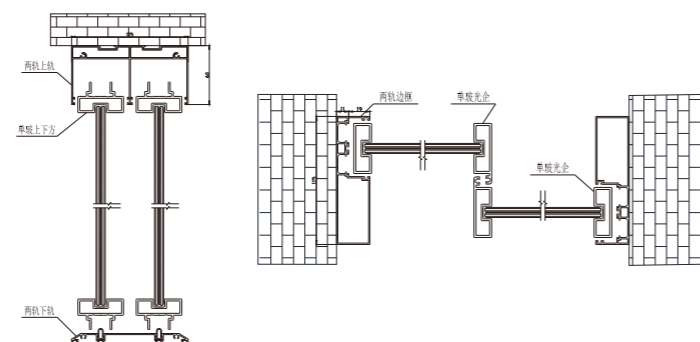
Series: 16mm

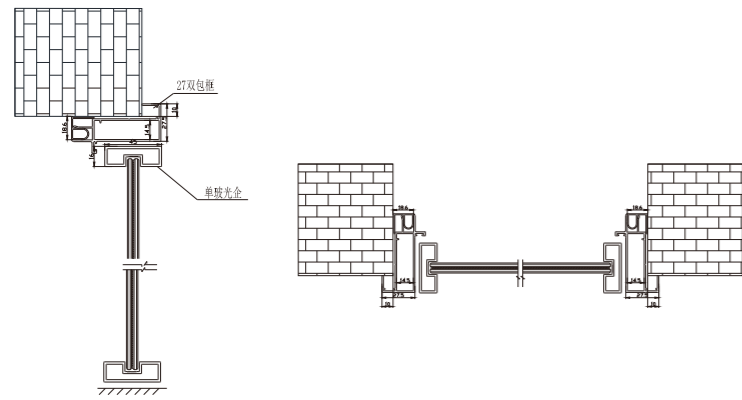
Surface Finish: Powder coating

Glass: 8mm single glass / 5+6A+5mm / 5+6A / 9A+5mm insulated tempered glass / 4+0.76pvb+4mm laminated glass

Alu Thickness: 2.0mm

Hardware: China top brand





16 Series Slim Casement Door

>> Specifications

Item No: PRS-16-05

Series: 16mm

Surface Finish: Powder coating

Glass: 8mm single glass / 5+6A+5mm / 5+6A / 9A+5mm insulated tempered glass / 4+0.76pvb+4mm laminated glass

Alu Thickness: 2.0mm

Hardware: China top brand



P Aluminum Glass Curtain Wall

Aluminum Curtain Wall

>> Specifications

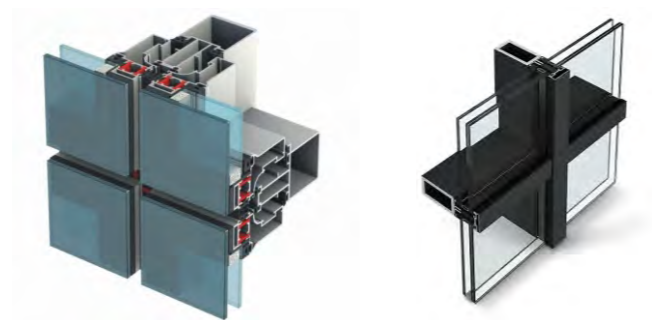
Item No: PR-ACW

Surface Finish: Powder coating / PVDF coating

Glass: Customized glass thickness

Alu Thickness: Customized

Application: Commercial Buildings



Q Glass Performance Description

All glasses for window and door are tempered safety glass.

Single glass is suitable for interior and areas where temperature difference is small, it's widely used with affordable price

Insulated glass has better heat and sound insulation effect.

Laminated glass is the safest safe glass among all glass types.

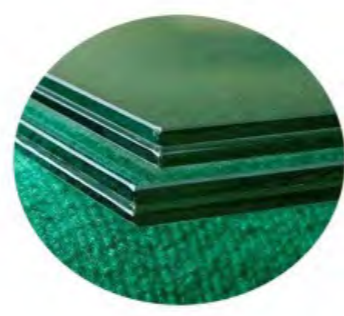
Our professional sales manager will suggest the suitable glass type according to your situation.



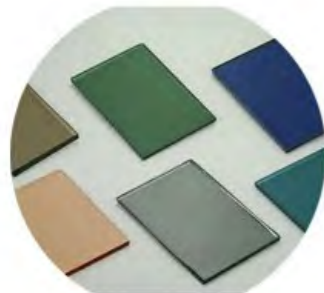
Tempered Glass



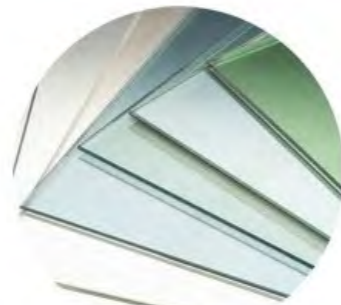
Single Glass



Double Glass



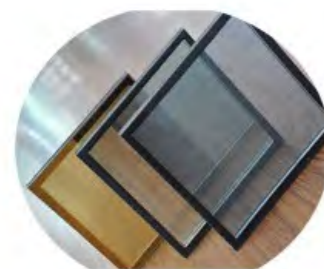
Tinted Glass



Reflective Glass



Laminated Glass



Low-e Glass



Frosted Glass

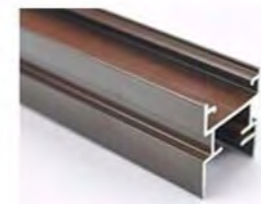
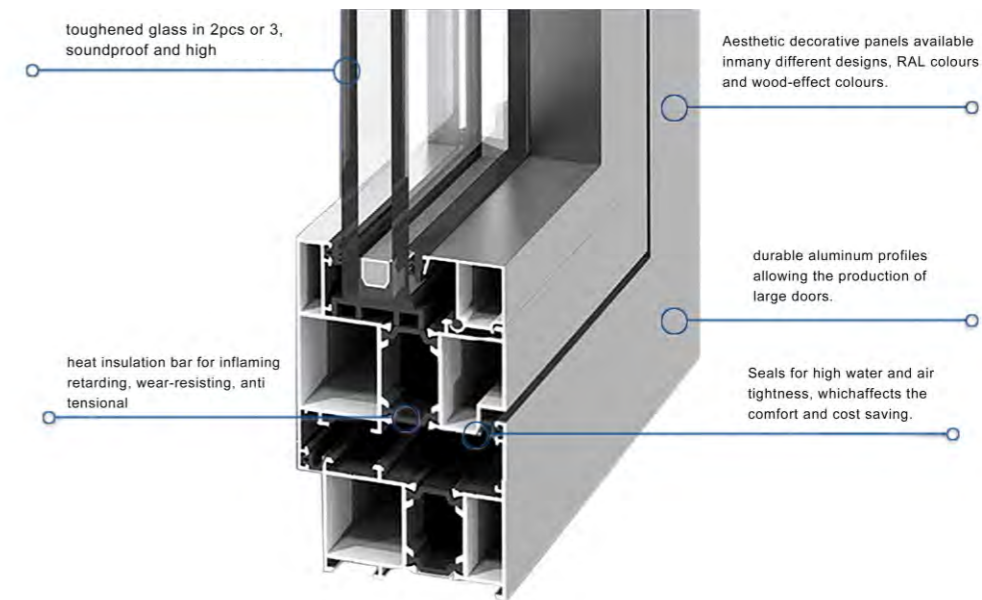


Arc Glass

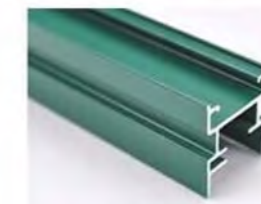
U Aluminum Profile Description

The aluminum profile used for window and door is made of high-inforced 6063-T5 aluminum alloy. It has good performance such as light weight high hardness, anti-corrosion, easy processing, easy maintenance, low cost and beautiful finish and so on.

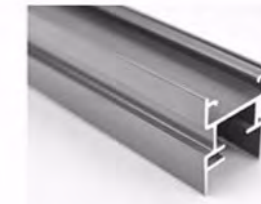
Our window and door systems are scientifically designed by our engineer team to ensure your safety and comfort.



Bronze



Dark Green



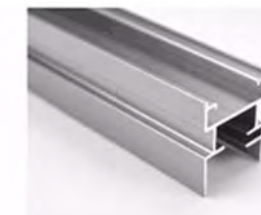
Dark Grey



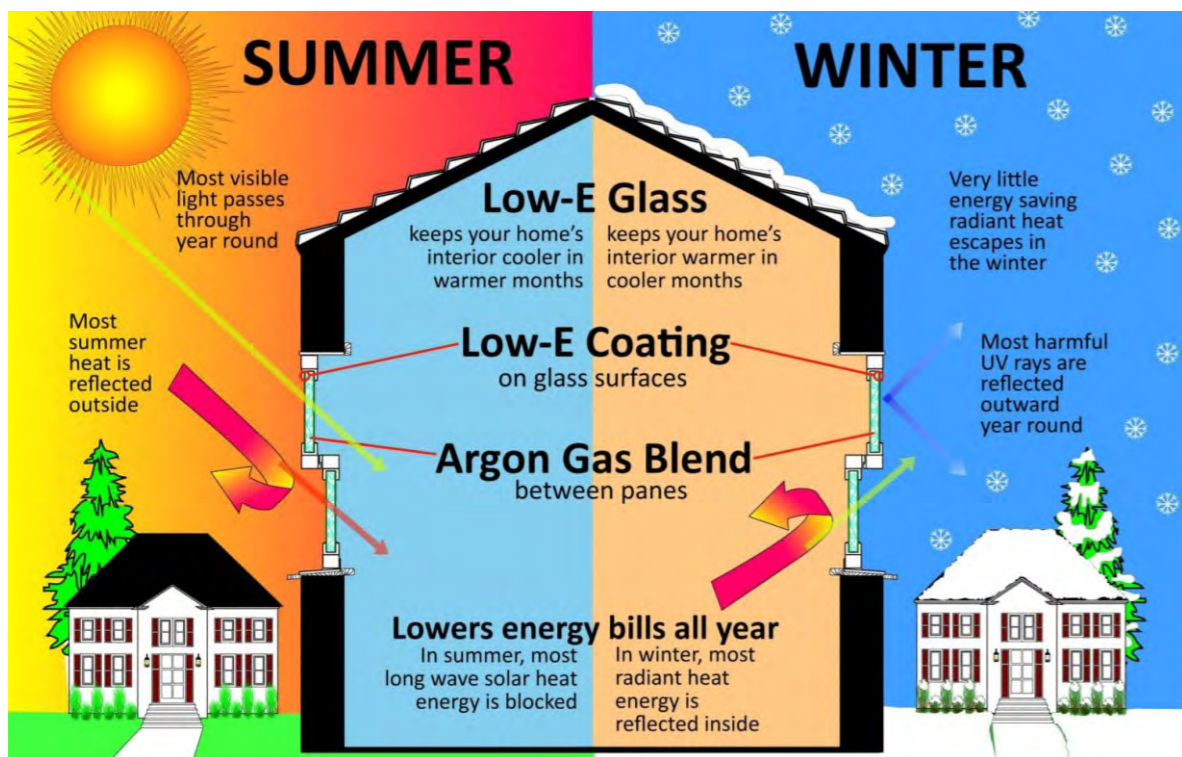
Woodgrain Finish



Woodgrain Finish



Silver



Glass Performance Data

Model	Glass type	Visible light (%)			USA ASHRAE				
		Transmittance	Reflectivity		U-value (winter) (w/m2.k)	U-value (winter) (w/m2.k)	Shading factor	G	G-value relative heating (w/m2.k)
			Inside	Outside					
XETN180	5XETN180#2+6A+5C	73	10	11	2.50	2.54	0.67	0.59	445
	6XETN180#2+9A+6C	72	10	11	2.04	2.11	0.65	0.57	427
	6XETN180#2+12A+6C	72	10	11	1.85	1.85	0.65	0.56	424
	8XETN180#2+12A+8C	71	10	11	1.83	1.84	0.64	0.55	416
	10XETN180#2+12A+10C	69	10	11	1.82	1.83	0.61	0.53	399
XETS140	5XETS140#2+6A+5C	36	29	9	2.47	2.50	0.37	0.32	249
	6XETS140#2+9A+6C	36	29	9	2.00	2.06	0.35	0.30	235
	6XETS140#2+12A+6C	36	29	9	1.80	1.80	0.34	0.30	229
	8XETS140#2+12A+8C	35	29	9	1.78	1.78	0.34	0.29	226
	10XETS140#2+12A+10C	34	28	9	1.77	1.77	0.33	0.28	220
XETS150	5XETS150#2+6A+5C	45	29	12	2.44	2.47	0.41	0.36	280
	6XETS150#2+9A+6C	44	29	12	1.97	2.02	0.40	0.34	266
	6XETS150#2+12A+6C	44	29	12	1.76	1.75	0.39	0.34	260
	8XETS150#2+12A+8C	44	28	12	1.75	1.74	0.39	0.33	256
	10XETS150#2+12A+10C	43	28	12	1.74	1.72	0.37	0.32	249
XETS160	5XETS160#2+6A+5C	54	22	10	2.47	2.50	0.47	0.41	318
	6XETS160#2+9A+6C	53	22	10	2.00	2.06	0.45	0.39	303
	6XETS160#2+12A+6C	53	22	10	1.80	1.80	0.45	0.39	298
	8XETS160#2+12A+8C	52	22	10	1.79	1.78	0.44	0.38	293
	10XETS160#2+12A+10C	51	21	10	1.77	1.77	0.43	0.37	284
XETG150	5XETG150#2+6A+5C	45	22	9	2.48	2.51	0.43	0.38	293
	6XETG150#2+9A+6C	44	22	8	2.02	2.08	0.41	0.36	277

Low-E Coating Performance

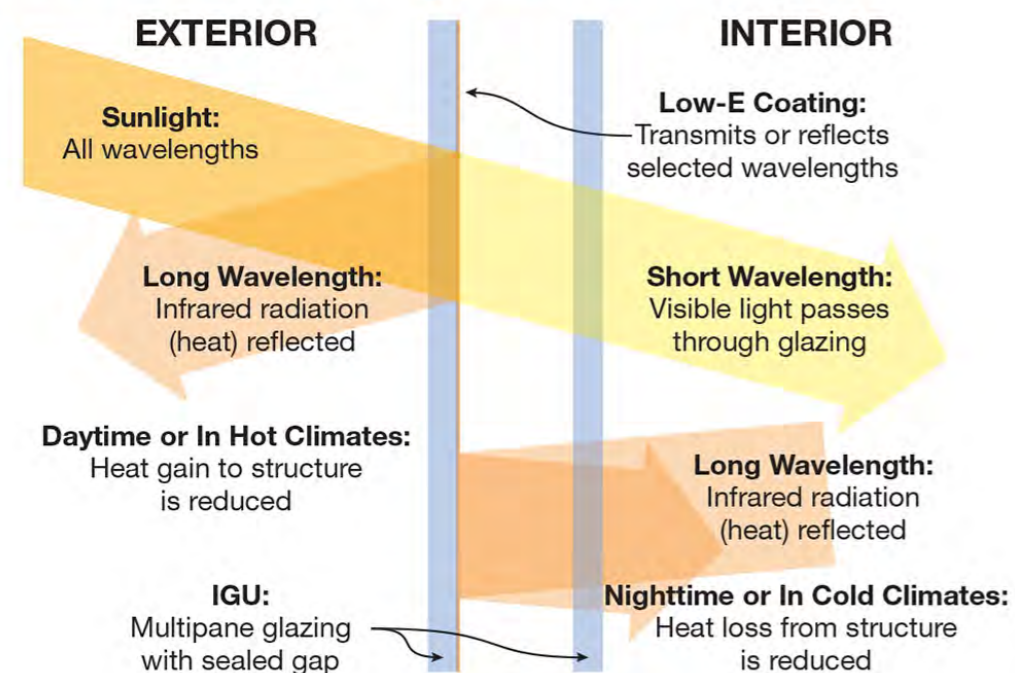


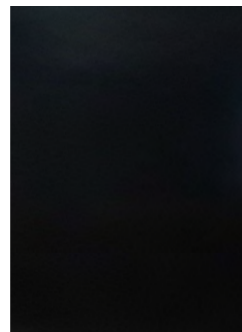
Illustration:

- The data in the sheet are calculated by Windows 5.2 provided by LNBL laboratory according to the international standard ISO9050-2003 and the domestic industry standard JGJ/T 151-2008 external conditions. The solar spectrum range: 300-2500nm; Visible light range: 380-780nm; Winter night: outdoor temperature -20°C, indoor temperature 20°C; Daytime in summer: the outdoor temperature is 30°C, and the indoor temperature is 25°C; Wind speed 2.8m/s; The solar density is 500w/m².
- The above data are calculated values measured on samples.

P Aluminum Surface Color Swatch



Smooth white
YH-MYT-14516



Matte black
YH-180630



Sand black
YH-180632



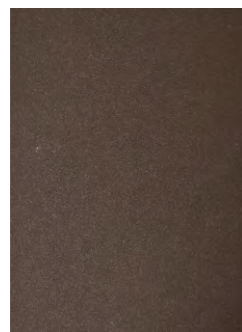
Forest wood grain
YH-200509



White oak wood grain
YH-JZ-15



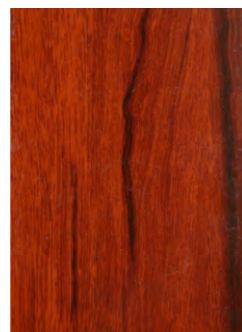
Teak wood grain
YH-MYT-14151



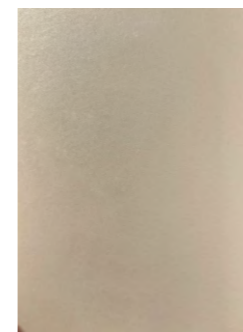
Satin brown
YH-JZ-04



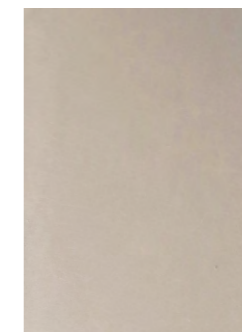
Sand grey
YH-PT-271



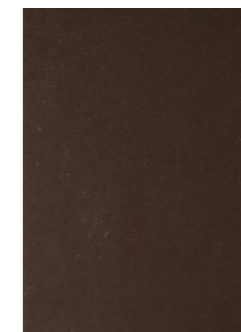
American rosewood
YH-JZ-19



Platinum gold
YH-200524



Sandal Wood
YH-PLH5-51



Galaxy dark brown
YH-22189



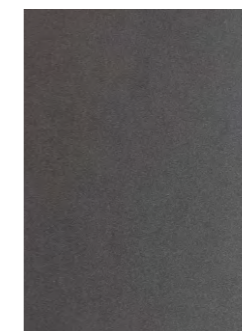
Golden Beech
YH-HM-1498



Golden oak
YH-JZ-22



Slate Grey
YH-180607

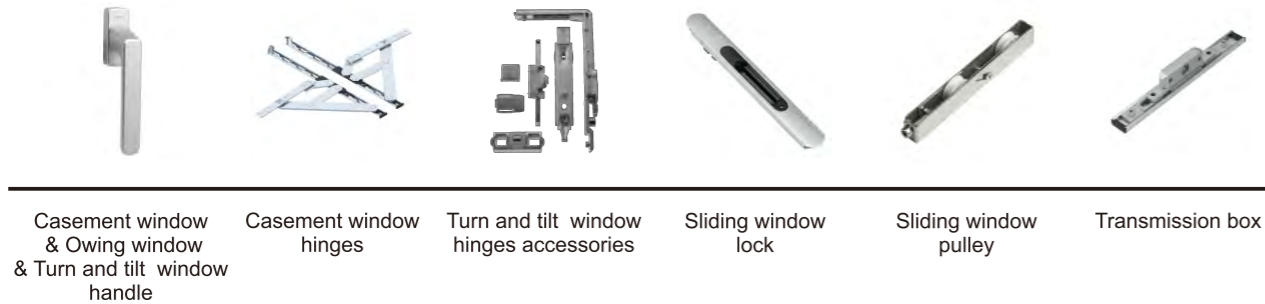


Fluorine Titanium Gray
YH-200542

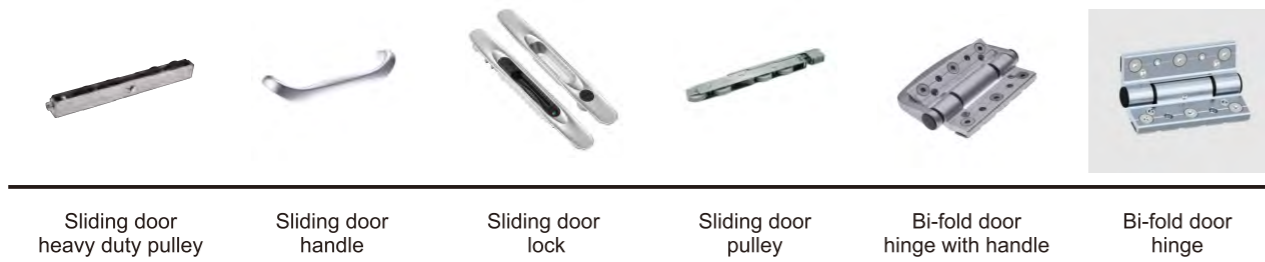


Galaxy Grey
YH-22203

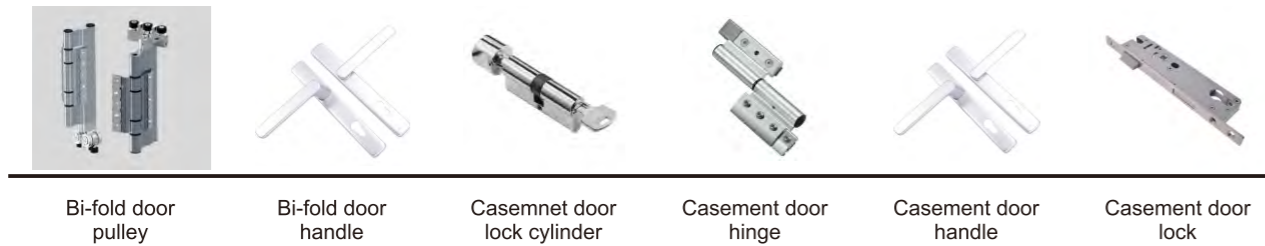
V Aluminum Hardware Details



Casement window & Owing window & Turn and tilt window handle Casement window hinges Turn and tilt window hinges accessories Sliding window lock Sliding window pulley Transmission box



Sliding door heavy duty pulley Sliding door handle Sliding door lock Sliding door pulley Bi-fold door hinge with handle Bi-fold door hinge



Bi-fold door pulley Bi-fold door handle Casement door lock cylinder Casement door hinge Casement door handle Casement door lock



Casement door electronic lock

Scilia



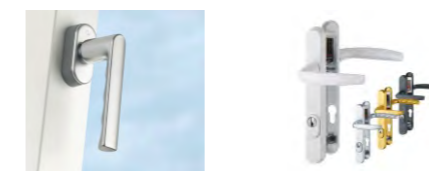
Handle Lock Casement door accessories Casement door handle

Noto



Hinge Turn and tilt window accessories Handle Transmission box Casement door accessories

German Hobo



Handle Casement door handle

W Production Line & Package



X Aluminum Window & Door Project

Turks Caicos Islands Residentail House Project



Australia Commercial Condo Project



Toronto Office Building Project



Rental Apartment Building Project



Cayman Town House Building Project



Commercial Building Project



Residential Duplex Building Project



Commercial Condo Project



Canadian Library Project



Canadian Duplex Building Project



Jamaica Commercial Building Project



Jamaica Rental Apartment Project



Jamaica Townhouse Apartment Project



