

ACTION WINDOWS PLUS DOORS

Aluminium Catalog

Premium window, door and architectural system collection

Action Windows Plus Doors Inc.

40 Magnetic Dr Unit 6, North York, ON M3J 2B8

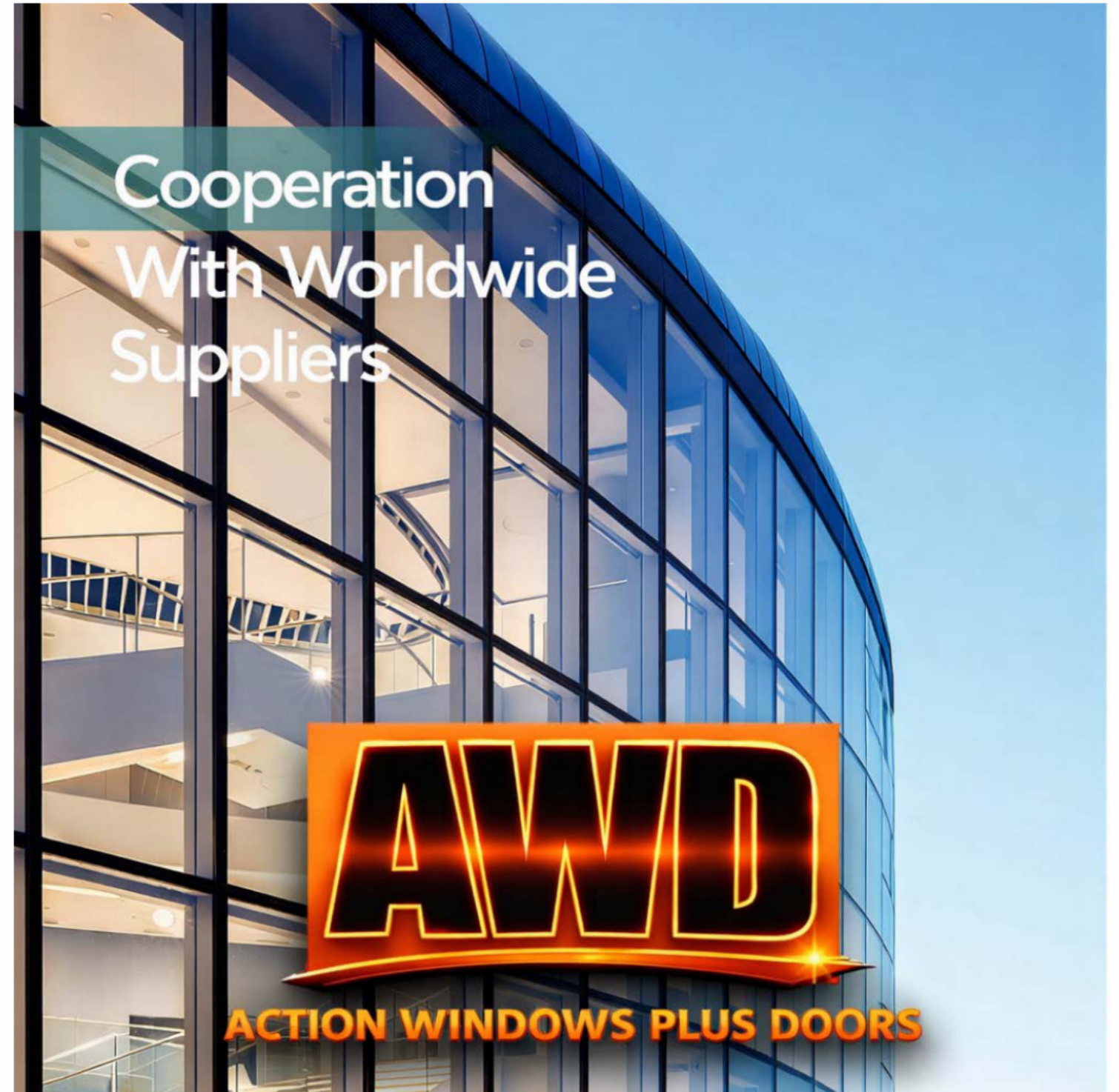
Web: www.actionwindows.ca

Energy Efficient System
Windows and Doors

Cooperation
With Worldwide
Suppliers

AWD

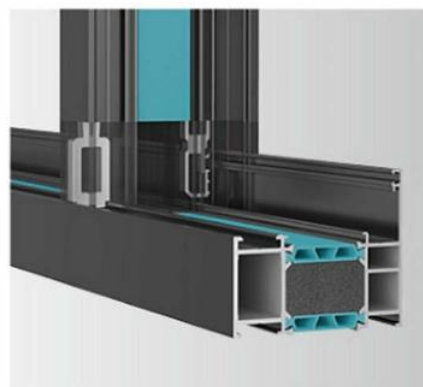
ACTION WINDOWS PLUS DOORS





Corner Injection Molding Process

Superior structural stability
and performance



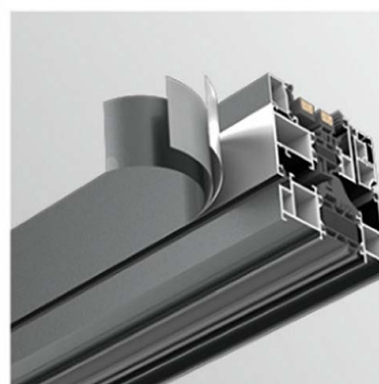
**Pin And Mullion
Connection**

Enhance the overall window
strength



Super Strong Load-Bearing Hinge

Increased security measures



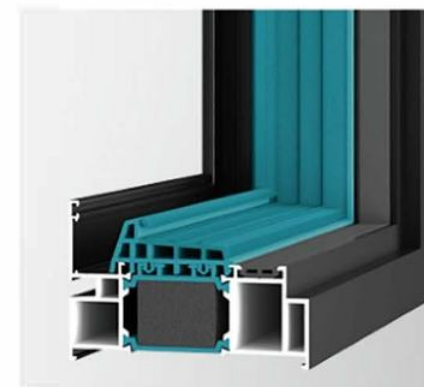
**Akzonobel Powder
Coating Process**

High corrosion resistance and
weather resistance



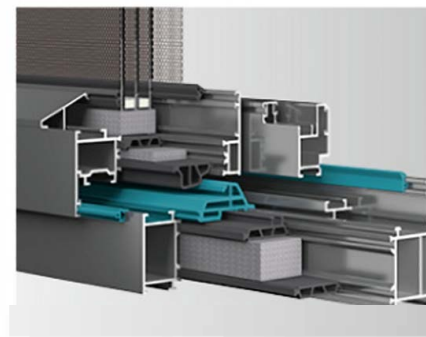
Rounding Process

More beautiful and safe



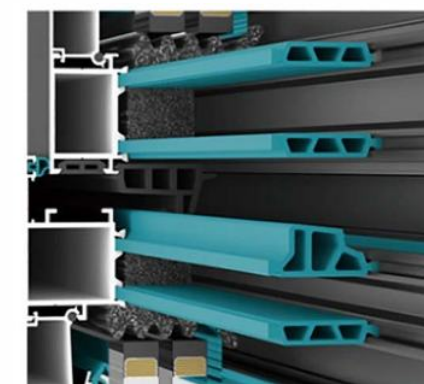
Integrated Sealing Strip

Improve the sealing of the
entire window



Multi channel sealing

Improve the sound insulation,
heat insulation, and air tightness
performance of the entire window



**PA66 Nylon Insulation
Strip**

Improve the thermal
insulation performance of
the entire window

AWD-CSA76



Window Type:



- Profile: High Strength 6060-T66
- Profile Thickness: 1.8mm
- Thermal Break: PA66 GF25 39mm
- Glass (Optional): Fully Tempered
Energy Efficient Low-E Coating
Argon Gas Filled
Top Quality Warm Edge Spacer
5Low-E+16A+5Low-e+16A+5mm
- Hardware: Top German Brand
- Handle: Top German Brand

CSA Parameters:

Window Type	U-Factor	SHGC	ER	VT
Fixed Window	0.98	0.39	41	0.58
Tilt-and-Turn Window	1.17	0.33	33	0.48
Casement Window	1.35	0.23	24	0.33



Providing Comfort All Year Long

AWD-NFRC70A



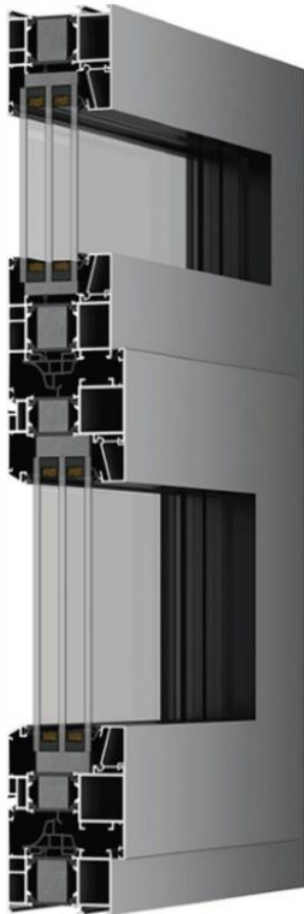
Window Type:



- Profile: High Strength 6060-T66
- Profile Thickness: 1.8mm
- Thermal Break: PA66 GF25 33mm
- Glass (Optional): Fully Tempered
Energy Efficient Low-E Coating
Argon Gas Filled
Top Quality Warm Edge Spacer
5+24A+5mm/5+12A+5+12A+5mm
- Hardware: Top German Brand
- Handle: Top German Brand
- Air Leakage: ≤0.3

NFRC Parameters:

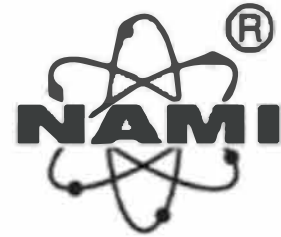
Type	U-Factor	SHGC	VT	CR
Fixed Window	0.17-0.31	0.12-0.50	0.16-0.66	59-69
Casement Window	0.26-0.35	0.08-0.30	0.09-0.38	56-66
Awning Window	0.26-0.35	0.08-0.30	0.09-0.38	56-66
Tilt-and-Turn Window	0.21-0.32	0.10-0.42	0.14-0.55	60-65
Inswing Door	0.22-0.32	0.10-0.40	0.13-0.52	56-66



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AWD-ZB80

NARROW FRAME SERIES

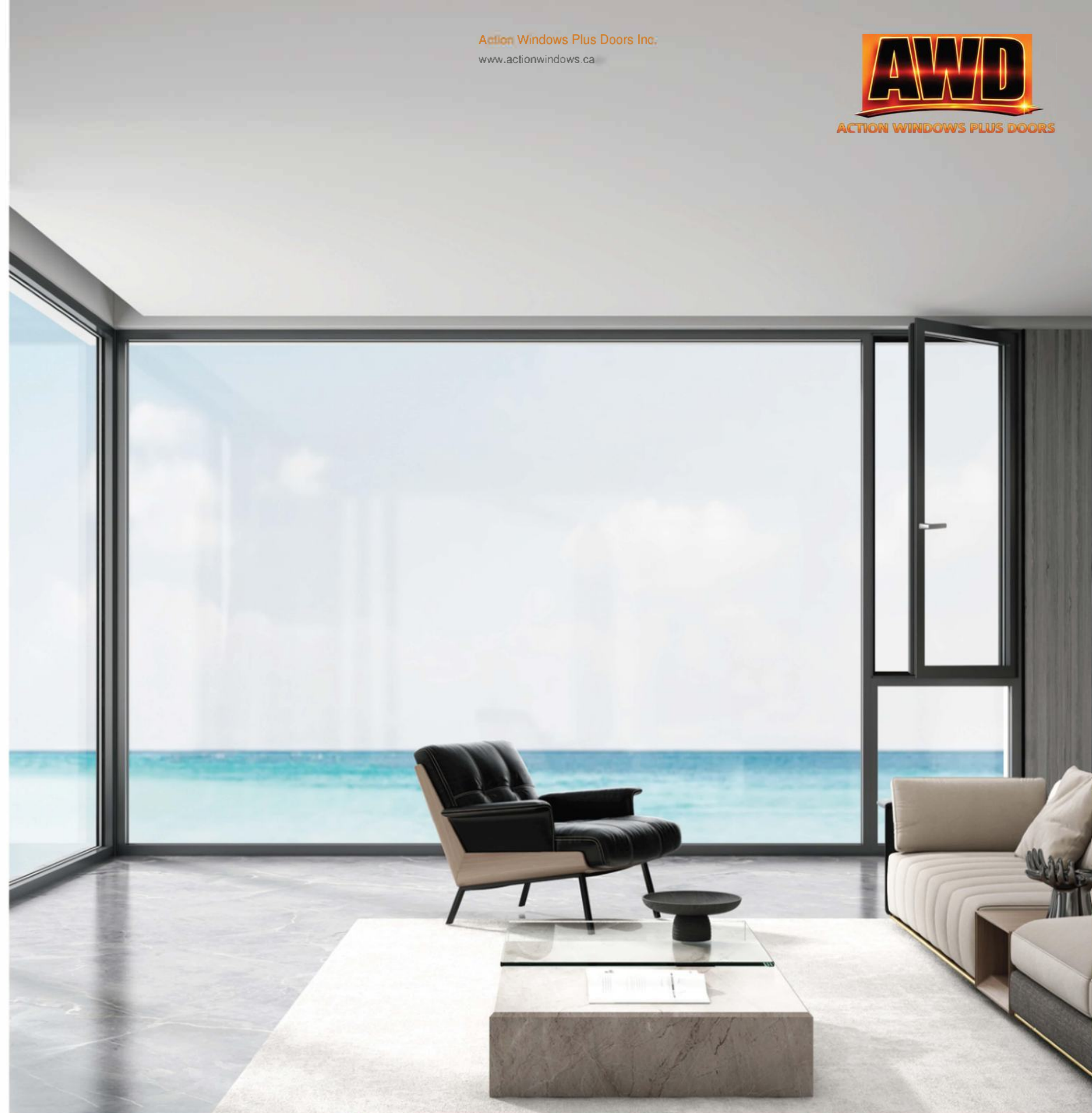
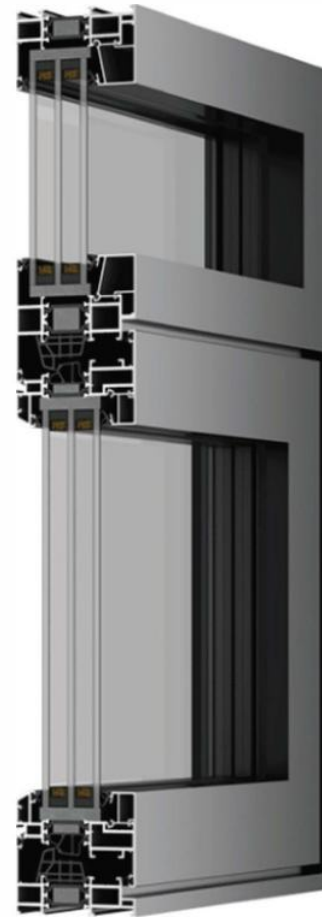


Window Type:



- Profile: High Strength 6060-T66
- Profile Thickness: 2.0mm
- Thermal Break: PA66 GF25 30mm
- Glass (Optional): Fully Tempered
Energy Efficient Low-E Coating
Argon Gas Filled
Top Quality Warm Edge Spacer
5+24A+5mm/5+12A+5+12A+5mm
- Hardware: Top German Brand
- Handle: Top German Brand

- ★ Aesthetic Benefits
- ★ Modern Design
- ★ More Natural Light
- ★ Elegant and Subtle



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AWD-101

PASSIVE WINDOW

U Factor=0.8-1.0W/m²·K

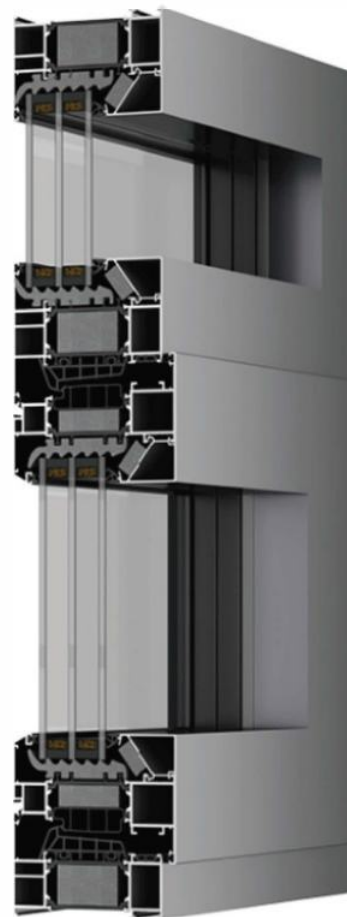


Window Type:



- Profile: High Strength 6060-T66
- Profile Thickness: 1.8mm
- Thermal Break: PA66 GF25
- Glass: Fully Tempered
Energy Efficient Low-E Coating
Argon Gas Filled
Top Quality Warm Edge Spacer
5+16A+5+16A+5mm
- Hardware: Top German Brand
- Handle: Top German Brand

- ★ Maintain a comfortable indoor temperature
- ★ Maintain a stable indoor humidity
- ★ Maintain long-term fresh air and sufficient oxygen
- ★ Maintain a long-term clean indoor environment
- ★ Effectively isolate external noise

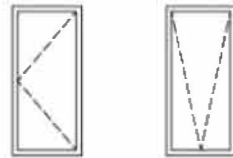


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AWD-140

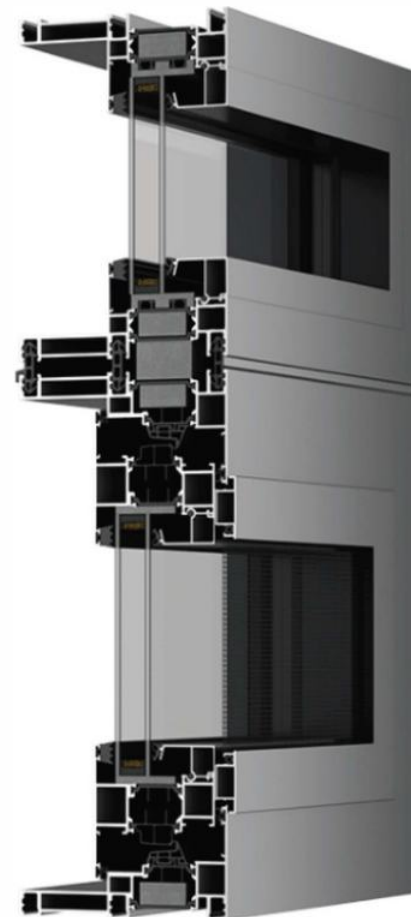
CRANK-OUT WINDOW

Window Type:



- Profile: High Strength 6060-T66
- Profile Thickness: 1.8mm
- Thermal Break: PA66 GF25 34-44mm
- Glass: Fully Tempered
Energy Efficient Low-E Coating
Argon Gas Filled
Top Quality Warm Edge Spacer
5+24A+5mm/5+12A+5+12A+5mm
- Hardware: Customized

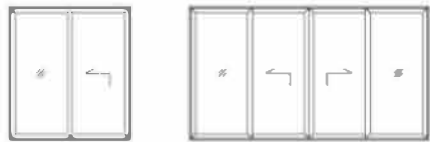
- ★ Superior Ventilation
- ★ Clear Views
- ★ Space Efficiency
- ★ Easy to Clean



AWD-127

LIFTING SLIDING DOOR

Door Type:



- NFRC Certified
- Profile Thickness: 2.5mm
- Aluminum thermal break lift and sliding doors
- Aluminum profiles:
 1. Frame width: 127mm
 2. 6060-T66 high strength aluminum profiles , wall thickness: 2.5mm
 3. Thermal break: PA66+GF25%
- Glazing: Standard configuration: Double or triple 5mm glass, Low-E energy efficiency coating, all glass fully tempered, warm spacer, and argon gas filled.
- Hardware: German G-U lift and sliding hardware system and handles



- ★ **Aluminum:** Ultra High Precision Aluminum
- ★ **Insulation strip:** PA66+GF25%
- ★ **Glass:** Select according to customer needs
- ★ **Hardware:** German

127 NFRC PARAMETERS

Door Type	U-factor	SHGC	VT	Cond.Res
Lift & Slide Door	0.38 ~ 0.48	0.16 ~ 0.48	0.16 ~ 0.64	30 ~ 32

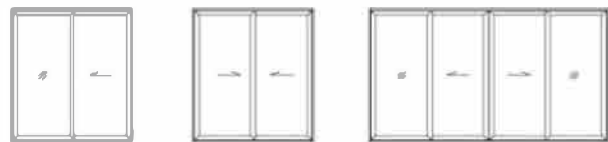


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AWD-120

SLIDING DOOR

Door Type:



- NFRC Certified
- Aluminum thermal break sliding doors
- Aluminum Profile
 1. Frame width: 120mm
 2. 6060-T66 high strength aluminum profiles, wall thickness: 1.8/2.0mm
 3. Thermal break: PA66 30mm
- Glazing: 5mm low-e + 12Ar + 5 + 12Ar + 5mm low-e, all glass are tempered, warm spacer, argon gas filling
- 4. Hardware: CMECH or Honeywell
- 5. Handles: CMECH double sides sliding handles

★ Product Features

Designed for the U.S and Canadian markets, the frame features a three-part thermal break design combined with a 30mm thermal break in the sash profile, reducing the U-value to below 0.3 Btu/(h·ft² · °F). The dual-track system with double-row rollers ensures smoother sliding operation, while Semperit low-friction sealing strips provide both air-tightness and effortless movement.



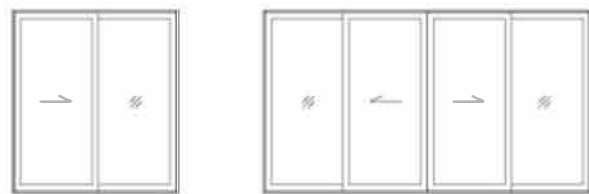
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AWD-AS100

DUAL -TRACK SLIDING DOOR



Door Type:



- Configuration With Sub Sill and Sub Head
- Profile: High Strength Aluminum Alloy
 - Profile Thickness: 2.0mm
 - Glass: Fully Tempered
Energy Efficient Low-E Coating
Argon Gas Filled
Top Quality Warm Edge Spacer
6+12A+6mm
 - Hardware: Customized

- ★ Superior Ventilation
- ★ Clear Views
- ★ Space Efficiency
- ★ Easy to Clean



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AWD-AS150

THREE -TRACK SLIDING DOOR



Door Type:



Configuration With Sub Sill and Sub Head

- Profile: High Strength Aluminum Alloy
- Profile Thickness: 2.0mm
- Glass (Optional): Fully Tempered
Energy Efficient Low-E Coating
Argon Gas Filled
Top Quality Warm Edge Spacer
6+12A+6mm
- Hardware: Top Brand

- ★ Enhanced Stability
- ★ Improved Security
- ★ Increased Flexibility
- ★ Smooth Operation
- ★ Aesthetic Appeal



AWD-CRK100

CRANK-OUT WINDOW



Window Type:



- Configuration With Sub Sill and Sub Head
- Profile: High Strength Aluminum Alloy
 - Profile Thickness: 2.0mm
 - Glass (Optional): Fully Tempered
Energy Efficient Low-E Coating
Argon Gas Filled
Top Quality Warm Edge Spacer
6+12A+6mm
 - Hardware: Customized

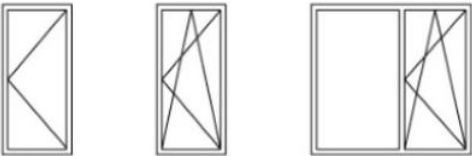


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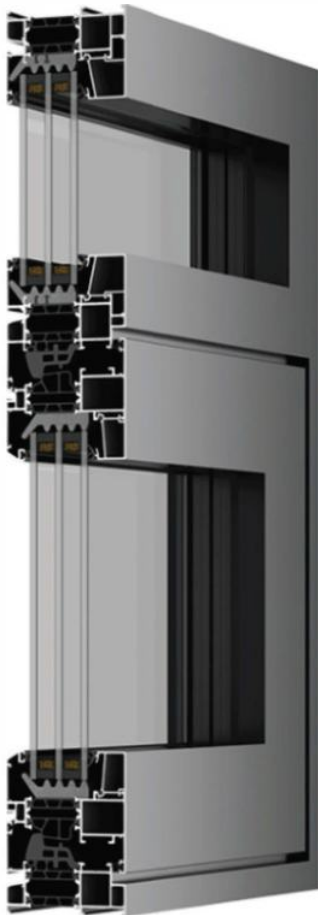
AWD-80B

Window Type:



- Profile: High Strength 6060-T66
- Profile Thickness: 1.6-1.8mm
- Thermal Break: PA66 GF25 35.3mm
- Glass (Optional): Fully Tempered
Energy Efficient Low-E Coating
Argon Gas Filled
Top Quality Warm Edge Spacer
5+24A+5mm/5+12A+5+12A+5mm
- Hardware: Customized

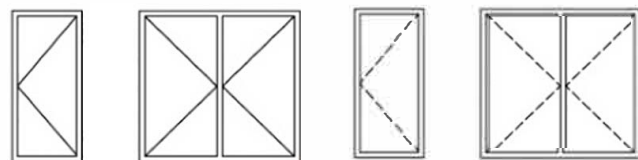
- ★ Affordable Price
- ★ High Quality
- ★ Modern Design
- ★ Energy Efficient



AWD-76

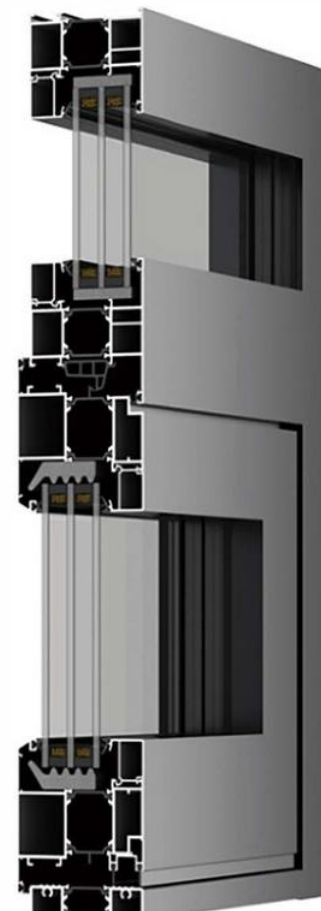
SINGLE DOOR / FRENCH DOOR

Door Type:



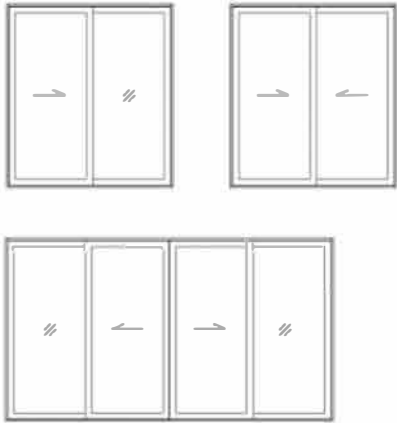
- Profile: High Strength 6060-T66
- Profile Thickness: 2.0mm
- Thermal Break: PA66 GF25 30mm
- Glass (Optional): Fully Tempered
Energy Efficient Low-E Coating
Argon Gas Filled
Top Quality Warm Edge Spacer
5+24A+5mm/5+12A+5+12A+5mm
- Hardware: Top German Brand
- Handle: Top German Brand

- ★ Enhanced Aesthetics
- ★ Improved Light and Views
- ★ Versatility
- ★ Easy Transition
- ★ Easy Maintenance



AWD-GR90

Window Type:



- Profile: High Strength Thermal Break Aluminum
- Profile Thickness: Window 1.4mm, Door 2.0mm
- Glass: Fully Tempered
Energy Efficient Low-E Coating
Argon Gas Filled
Top Quality Warm Edge Spacer
5+12A+5mm
- Hardware: Customized

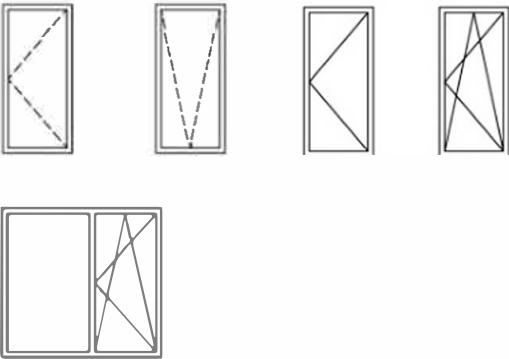
- ★ Easy installation
- ★ Good energy-saving effect
- ★ High performance
- ★ Widely applicable to large-scale construction projects



AWD-HJ55



Window Type:



- **Profile:** High Strength Thermal Break Aluminum
- **Profile Thickness:** Window 1.4mm, Door 2.0mm
- **Glass:** Fully Tempered
Energy Efficient Low-E Coating
Argon Gas Filled
Top Quality Warm Edge Spacer
5+12A+5mm
- **Hardware:** Customized

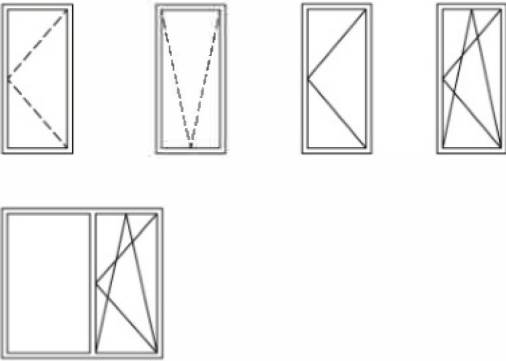
- ★ High performance
- ★ Good energy saving effect
- ★ Modern design
- ★ Widely applicable to large-scale construction projects



Providing Comfort All Year Long

AWD-50B

Window Type:

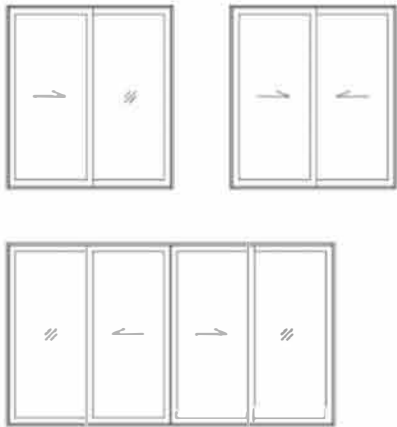


- Profile: High Strength Aluminum Alloy
- Profile Thickness: Window1.4mm; Door 2.0mm
- Glass: Fully Tempered
 - Energy Efficient Low-E Coating
 - Argon Gas Filled
 - Top Quality Warm Edge Spacer
 - 5/6mm Single Glass
 - 5+12A+5mm
- Hardware: Customized



AWD-808C

Window Type:



- Profile: High Strength Aluminum Alloy
- Profile Thickness: Window 1.4mm, Door 2.0mm
- Glass: Fully Tempered
Energy Efficient Low-E Coating
Argon Gas Filled
Top Quality Warm Edge Spacer
5/6mm Single Glass
5+12A+5mm
- Hardware: Customized



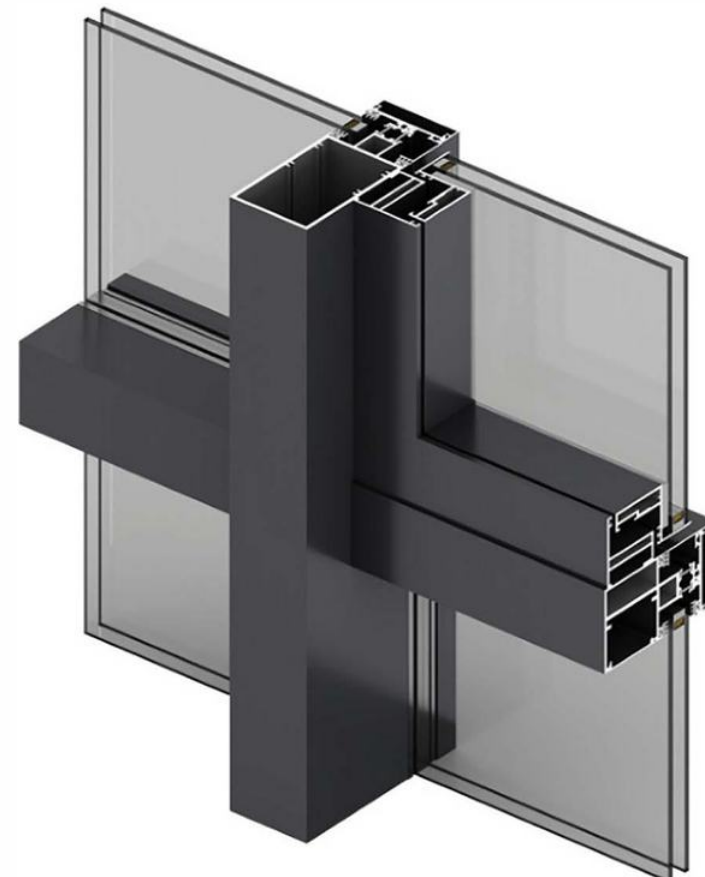
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AWD-MQ140

CURTAIN WALL



- **Profile:** High Strength Thermal Break Aluminum
- **Profile Thickness:** 3.0mm
- **Glass:** Fully Tempered
Energy Efficient Low-E Coating
Argon Gas Filled
Top Quality Warm Edge Spacer
6+12A+6mm
- **Hardware:** Customized



ACTION WINDOWS PLUS DOORS

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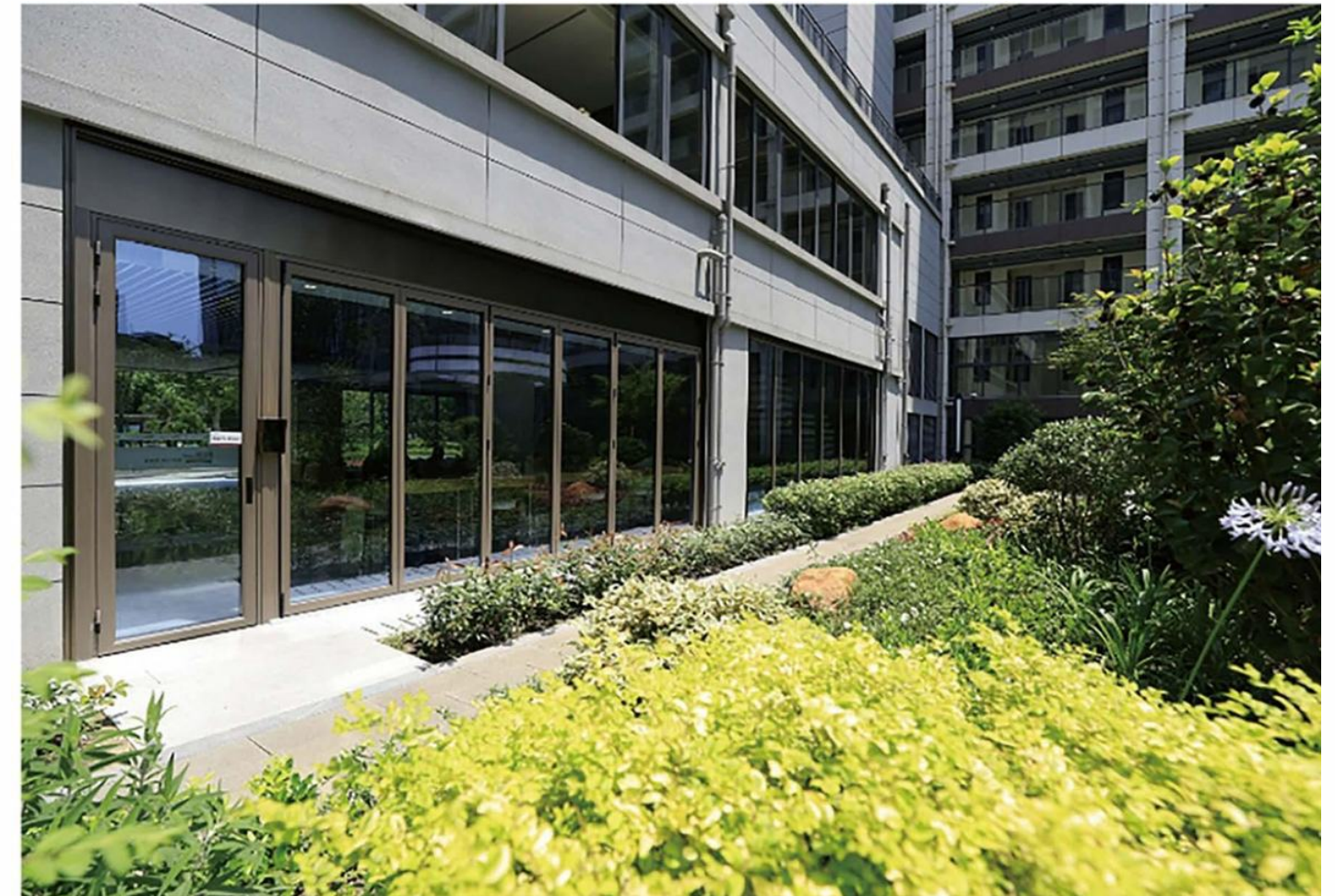
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AWD-PANORAMIC DOORS

SLIDING/FOLDING

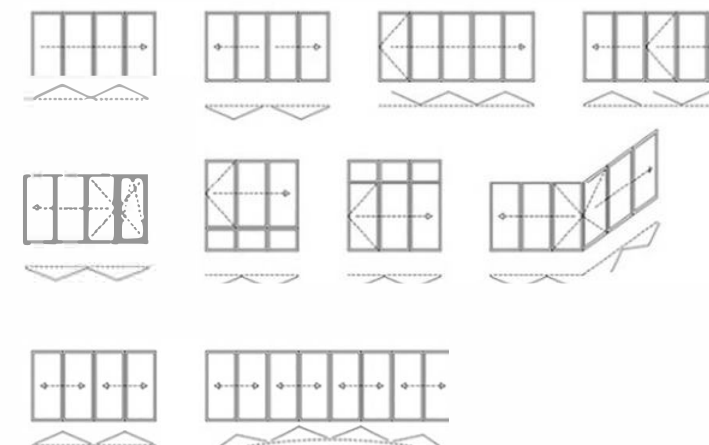
★ The panoramic doors ideal for modern, light-filled spaces that prioritize both aesthetics and functionality:

- Unobstructed Views & Natural Light
- Spatial Illusion & Flexibility
- Modern Aesthetic Appeal
- High-Performance Features



★ Combination of Opening Schemes:

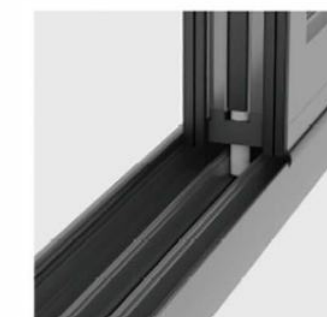
- Supports diverse opening configurations, including combinations of zero with odd/even panels, odd with even, odd with odd, even with even, as well as no-column corners, arched layouts, irregular shapes, and synchronized door-window operation.



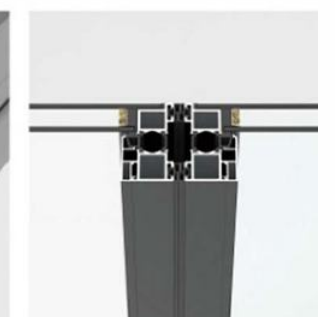
Anti-pinch protection



Integrated Safety Features



Reinforced Bottom Lock



Ultra-Slim viewing

AWD-PIVOT DOORS



★ Pivot doors redefine spatial dynamics with 360° freedom, minimalist elegance, and robust functionality, making them a premium choice for modern architecture and interior design:

- Unmatched Flexibility
- Modern Aesthetic Appeal
- Enhanced Spatial Connectivity

ALUMINUM PANEL ENTRANCE DOORS

★ Aluminum entrance doors combine durability, lightweight strength, and sleek design with low upkeep, making them a premium choice for modern, secure, and eco-conscious entrances:

- Durability & Strength
- Modern Design & Efficiency
- Eco-Friendly & Secure



AWD-SUNROOM

The structure of the sunroom adopts mortise and tenon joints which are safe, firm, and not deformed; Adopting an excellent drainage system for fast and effective drainage; Equipped with a skylight system for convenient ventilation and heat dissipation.

- ★ Sunrooms are becoming more and more popular these days:
- **Natural Light:** They allow an abundance of natural light into the home, creating a bright and inviting space.
- **Connection to Nature:** Sunrooms provide a way to enjoy the outdoors while being sheltered from the elements, making them ideal for relaxing or entertaining.
- **Versatility:** These spaces can serve multiple purposes, such as a reading nook, home office, or even a playroom.
- **Seasonal Enjoyment:** Sunrooms can be enjoyed year-round, offering a cozy spot in winter and a breezy retreat in summer.
- **Low Maintenance:** Many sunrooms are designed to be low-maintenance, often featuring durable materials that stand up to weather changes.



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AWD-DECK

- ★ Aluminum alloy pavilions combine durability, design flexibility, and smart engineering, making them ideal for residential gardens, commercial spaces, or public areas seeking long-lasting, stylish shelters:
- **Superior Durability & Weather Resistance**
Made with high-grade aluminum, these pavilions resist corrosion, rust, and UV damage, lasting over 20 years. Powder-coated finishes prevent fading and cracking.
- **Lightweight Yet Structurally Strong**
Aluminum offers high strength with low weight. Reinforced frames support heavy snow loads and allow easy installation or relocation.
- **Aesthetic Versatility & Customization**
Choose from modern, classic, or wood/stone-effect finishes. Add retractable roofs, LEDs, or built-in furniture for enhanced function and style.
- **Low Maintenance & Eco-Friendly**
No painting or anti-pest treatments needed—easy cleaning suffices. Aluminum is fully recyclable and supports sustainability.



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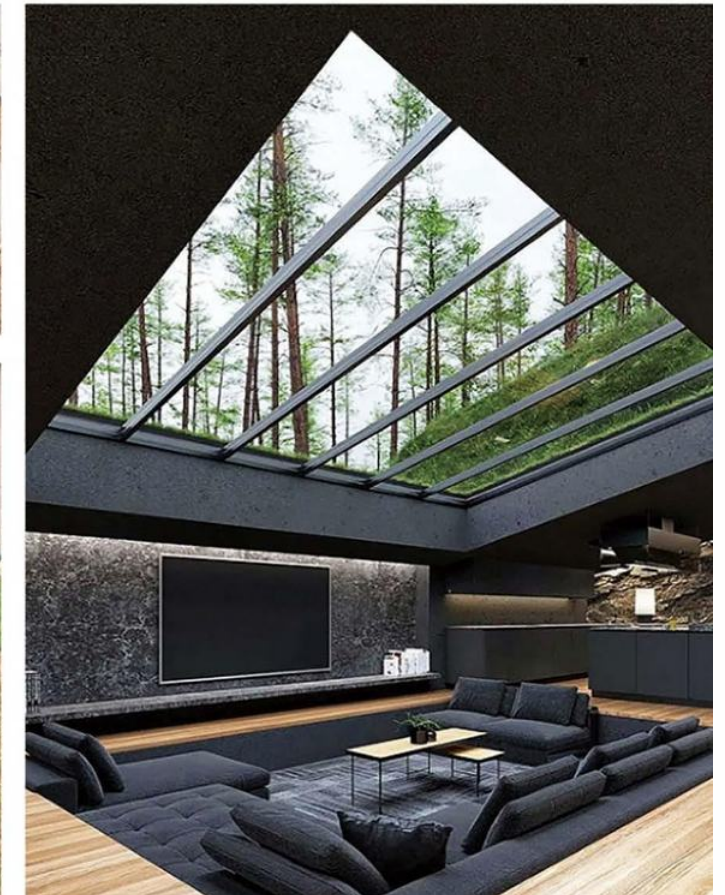
MODULAR SKYLIGHT

★ Use prefabricated modularity to create an independent module system:

- Made of high-strength fiber and high-performance composite materials, 25% lighter than aluminum alloy.
- It has an extremely low thermal conductivity, close to that of nylon insulation strips, and its strength is about 5 times that of aluminum alloy. It has high strength and excellent thermal insulation, high heat resistance and corrosion resistance.
- External motor, dual-chain synchronous motor, motor thrust: 1200N, pull: 2400N, can be opened and closed repeatedly for more than 20,000 times.
- Glass : 6 Double Silver+14TPS+4+0.76+4 Laminated Tempered Insulating Glass, bottom offset printing.
- Optional Mosquito-proof Stainless Steel Net and Electric Sunshade, could achieve control the sunshade to stay at any position.



THERMAL BREAK ALUMINUM SKYLIGHT



★ Use seamless welding technology, good sealing performance and effectively prevent rainwater leakage:

- Glass:5+18A+5mm Fully Tempered Glass, Could be upgraded according to customer requirements.
- Integrated drainage board system and tile connection drainage.
- Use integrated hidden hinge and aluminum alloy handle, also can be opened manually or electrically.

The window frame width is 60mm(roughly 2" 1/3inch) and the total height of the window is 165mm(roughly 6" 1/2inch). Uses PA66GF25 with a width of 30mm insulation strip.

AWD-RAILINGS

★ Frameless Glass Railing:

- **Minimalist Appeal:** The frameless design maximizes transparency, complementing modern architecture and enhancing the sense of spatial continuity.
- **The ultimate aesthetic choice:** The aluminum alloy base guardrail can be equipped with a light strip to illuminate your balcony at night. The glass is available in a variety of colors, including dark green and light green, dark blue and light blue, dark gray and light gray, brown, gold, and more, to meet diverse customer needs.
- **Eco-friendly and low-maintenance:** No repainting or frequent replacement is required, and rainwater naturally cleans the surface, making it suitable for high-end residential or commercial spaces.



★ Framed Glass Railing:

- **Safe and Attractive:** Tempered or laminated glass breaks into harmless fragments or is held together by an interlayer, while a metal frame (such as stainless steel) ensures structural stability.
- **Extensive Views:** Glass maintains light transmission and unobstructed views, making it ideal for balconies or villas that blend seamlessly into the landscape.
- **Weather-Resistant:** Designed to withstand the ravages of wind and rain, its smooth surface is easy to clean and won't fade or warp over time.



★ Metal Frame Railing:

- **Durable and Sturdy:** Made from high-strength metals (such as iron, aluminum, and stainless steel), these railings offer excellent resistance to pressure and impact, making them an ideal choice for industrial areas or construction sites requiring robust protection. Adjustable height and spacing are also available.
- **Low Maintenance:** Surface treatments (such as galvanizing and coatings) enhance corrosion resistance, requiring only regular cleaning and inspection for long-term use.





Dynamic Colors

Space Beauty Blooms

Provide Multiple Colors To Meet
Your Scene Needs



Imported Powder Coating
Weather Resistance For

10⁺
YEARS

Standard Color Range



B01 Agate Brown



B02 Phantasmal Grey



B03 White



B04 Fashionable Grey



B05 Turquoise



B07 Brown Stone

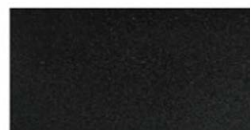


B10 Basalt Grey



B12 Champagne Brown

Bespoke Color Range



A01 Starry Black



A02 New York Grey



A03 Roman Brown



A04 Skin Texture
Celadon Grey



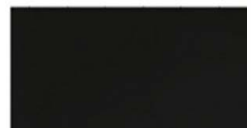
A06 Paris Grey



E01 Snowflake Grey

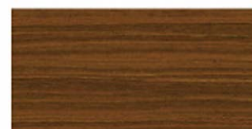


E02 Riverstones Grey



E03 Black

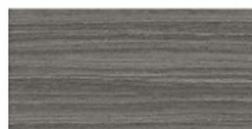
Wood Grain Color



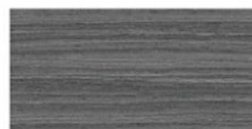
C01 Eastern Thick Ink



C03 Majestic
Mountains and Rivers



C04 Technology
Wood Grain



C05 Technology
Wood Grain

