



ALUMINIUM DOORS & WINDOWS SYSTEMS

Premium Quality | Intelligent Control

Version 1.0 | 2026

COMPANY PROFILE

Suzhou Oredy Intelligent Door Control Co., Ltd.

OREDY specializes in the development and manufacturing of high-performance aluminum door and window systems. With a steadfast commitment to quality and innovation, we provide comprehensive architectural solutions that redefine modern living spaces.

Our "System Window" approach ensures that every component—from precision-engineered profiles and advanced glazing to robust hardware and sealing accessories—is integrated perfectly. This holistic design philosophy delivers superior thermal insulation, exceptional soundproofing, and unmatched water tightness.

We blend aesthetics with functionality, creating environments that are comfortable, energy-efficient, and visually stunning, tailored to the demands of contemporary architecture.



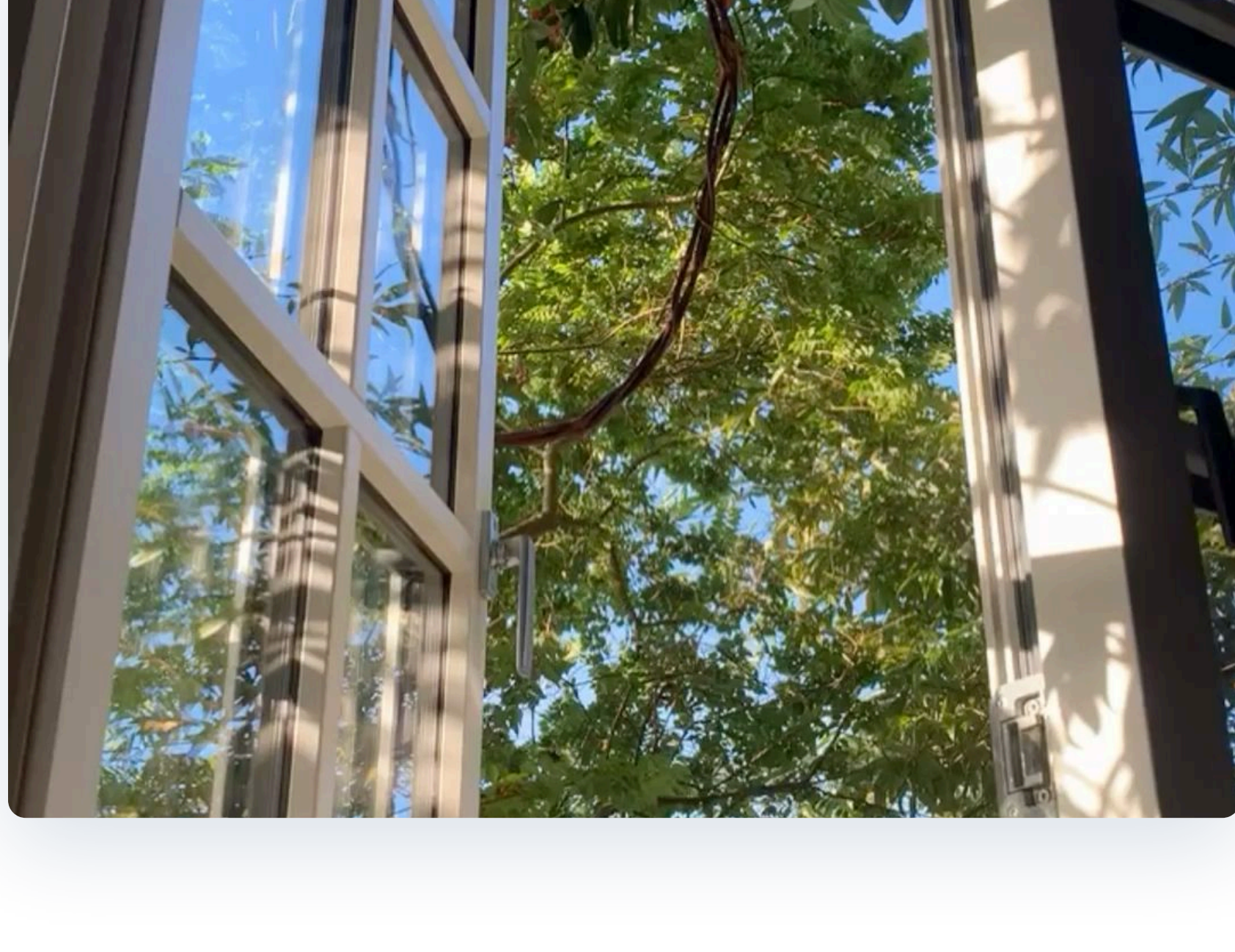
SYSTEM SELECTION GUIDE

A quick reference guide to help you choose the perfect system for your project requirements.

SYSTEM SERIES	PROFILE	OPENING	GLASS SPEC	THERMAL BREAK	PERFORMANCE	APPLICATION
OD-60	60mm	Casement	5+12A+5	PA66	STANDARD	Residential
OD-70	70mm	Casement/T&T	5+20A+5	PA66	ENHANCED	High-rise
OD-80	80mm	Casement/T&T	5+27A+5	PA66	PREMIUM	Luxury
OD-90	90mm	Sliding	5+12A+5	PA66	STANDARD	Balcony
OD-108	108mm	Sliding	5+20A+5	PA66	ENHANCED	Large opening
OD-120	120mm	Lift & Slide	6+20A+6	PA66	PREMIUM	Villa
OD-75	75mm	Bi-fold	5+12A+5	PA66	STANDARD	Patio
OD-80	80mm	Bi-fold	6+20A+6	PA66	PREMIUM	Large span

CASEMENT WINDOW SYSTEMS

Precision engineered for maximum thermal efficiency and acoustic comfort.



OD-60 Series

A versatile and economical solution for residential projects. The OD-60 balances performance with cost-effectiveness, featuring a multi-chamber design and quality PA66 thermal breaks.

PROFILE WIDTH 60mm	THERMAL BREAK PA66 GF25 14.8mm
GLASS CONFIG 5+12A+5 (Max 24mm)	K-VALUE ≤2.8 W/(m²·K)
WIND LOAD Class 9	SOUND PROOF 35-40 dB



OD-70 Enhanced Series

Designed for high-rise applications with enhanced thermal performance and wider insulating strips. Superior noise reduction capabilities make it ideal for urban environments.

- Profile: 70mm Width
- Thermal Break: 20mm PA66 GF25
- Glass Capacity: Up to 28mm
- K-Value: ≤2.5 W/(m²·K)



OD-80 Premium Series

The ultimate choice for luxury residences and passive houses. Features triple sealing technology and accommodates triple glazing for maximum insulation.

- Profile: 80mm Width
- Thermal Break: 27mm PA66 GF25
- Glass Capacity: Up to 32mm (Triple)
- K-Value: ≤2.0 W/(m²·K)

SLIDING DOOR SYSTEMS

Seamlessly connecting indoor luxury with outdoor freedom.

OD-90 & OD-108 Sliding

Experience smooth operation with high-capacity stainless steel rollers. Available in 2-track or 3-track configurations, these systems offer excellent weather resistance and are perfect for balconies.

PROFILE DEPTH 90mm / 108mm	LOAD CAPACITY 150kg per sash
GLASS CONFIG 5+12A+5mm	WIND LOAD Class 8



OD-120 Lift & Slide

The flagship solution for large-scale openings in villas and penthouses. The sophisticated lift mechanism lifts the panel from the seal, allowing effortless movement of panels weighing up to 300kg.

MAX PANEL SIZE 3m x 1.5m	OPERATION Lift & Slide
PROFILE WIDTH 120mm	THRESHOLD Flush Option

FOLDING DOOR SYSTEMS

OD-75 & OD-80 Bi-Fold

Disseal the barrier between home and garden. Our bi-fold systems stack neatly to the side, providing a 90% clear opening. Ideal for patios and commercial spaces.

CONFIGURATIONS

Flexible stacking options: 2+0, 3+0, 3+1, 2+2, 4+0 and more.

PROFILE 75mm / 80mm	MAX HEIGHT 3000mm
GLASS TYPE Double/Triple	HARDWARE Top-Hung Rollers



TECHNICAL INNOVATION

 Thermal Break <ul style="list-style-type: none">PA66 GF25 Nylon stripsMulti-chamber insulationVertical isothermal design	 Sealing System <ul style="list-style-type: none">Triple EPDM gasket stripsPressure equalizationSuperior air & water tightness	 Corner Connection <ul style="list-style-type: none">Injection-molded jointsHigh-strength stainless keysEnhanced structural integrity	 Drainage System <ul style="list-style-type: none">Concealed drainage channelsEfficient water evacuationAesthetic cap design
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GLASS OPTIONS

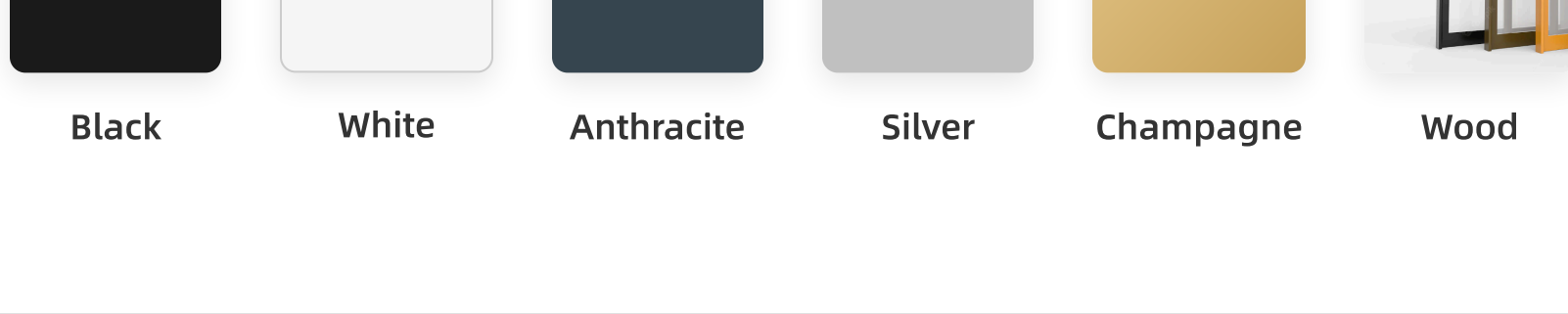
Standard: 5+12A+5mm (22mm), 6+12A+6mm (24mm)

Performance: Low-E Coating, Laminated Safety

Insulation: Triple Glazing, Argon Gas Fill

Specialized: Tinted, Warm edge spacer, Internal blinds

FINISHES & COLORS



PERFORMANCE DATA

SERIES	WIND PRESSURE	AIR TIGHTNESS	WATER TIGHTNESS	K-VALUE	SOUND INSULATION
OD-60	Class 9	Class 8	Class 6	≤2.8	35-40dB
OD-70	Class 9	Class 8	Class 6	≤2.5	38-42dB
OD-80	Class 9	Class 8	Class 6	≤2.0	40-45dB
OD-90	Class 8	Class 6	Class 5	≤3.0	32-38dB
OD-108	Class 8	Class 7	Class 5	≤2.8	35-40dB
OD-120	Class 9	Class 8	Class 6	≤2.5	38-42dB

Tested according to Standards: GB/T 8478-2020, GB/T 7106, 7107, 7108



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CONTACT INFORMATION

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APPLICATIONS

- Residential (Apartments, Villas)
- Commercial (Hotels, Offices)
- Specialized (Passive Houses)

QUALITY PROMISE

- Premium Material Selection
- Advanced Manufacturing Process
- Comprehensive Warranty Service