

ALUMINIUM FOLDING DOOR SYSTEM

Product Specifications & Technical Manual

Suzhou Oredy Intelligent Door Control Co., Ltd
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www.outusdoor.com



French Aluminum Folding Door

1. Product Overview

Experience the perfect blend of indoor comfort and outdoor freedom with the OREDY Aluminium Folding Door System. Designed for both residential and commercial applications, our system offers seamless operation, superior thermal insulation, and robust security.

Key Advantages

- Flexible Config**
2+0, 3+1, 5+1 layouts available
- High Security**
Multi-point locking system
- Thermal Break**
Superior insulation technology
- Noise Reduction**
Up to 45dB sound insulation



2. Standard Specifications (China Market)

Dimensions	
Panel Width	500mm - 900mm
Rec. Width	600mm - 800mm
Height	2000mm - 3000mm
Standard H	2100mm - 2800mm
Max Panel	1200mm (Heavy Duty)

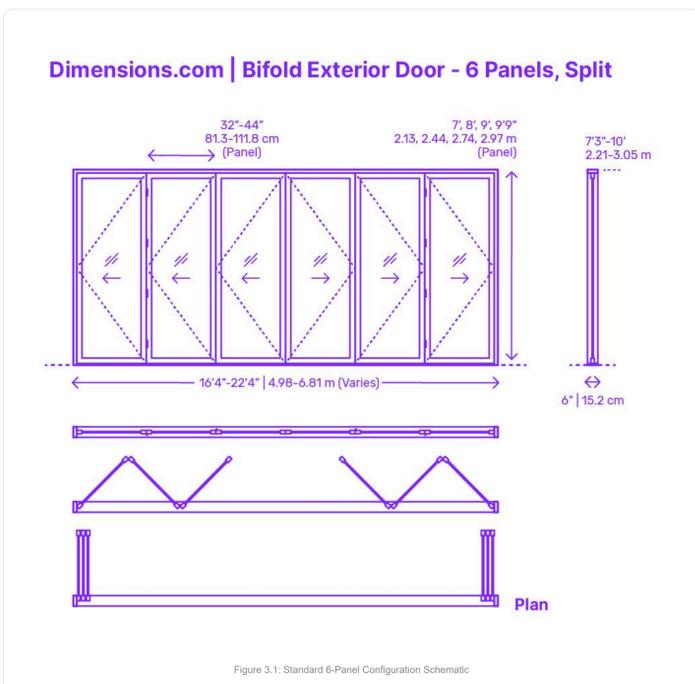
Profile Specs	
Material	6063-T5 Aluminium
Indoor Wall	1.2mm - 1.6mm
Outdoor Wall	2.0mm - 3.0mm
Series	45 / 50 / 65 / 70 / 80
Structure	Thermal Break (Outdoor)

Glass Options	
Standard	5mm+12A/20A+5mm
Heavy Duty	6mm+12A+6mm
Indoor	8mm-12mm Single
Cert.	CCC Certified
Types	Low-E, Frosted, Tinted

Color Options
Standard Powder Coating & Wood Grain Finishes

Hardware System	
Material	304 SS / Zinc Alloy
Rollers	POM Silent Bearings
Load	80kg - 200kg / panel
Cycles	100,000+ Operations
Track	Heavy Duty Aluminium

3. Technical Specifications



Performance Ratings	
Wind Resistance	Class 9 (Max)
Air Tightness	Class 8
Water Tightness	Class 6
Sound Insulation	45 dB

Standards: GB/T 8478, GB/T 7106
K-Value: 2.0 - 3.0 W/(m²·K)

产品数量:

① MP11A-S 1PCE	② EV1700A-11 1PCE	③ EV1700A-13 4PCS
④ EV1700A-10 1PCE	⑤ EV1700A-16 1PCE	⑥ EV1700A-17 1PCE
⑦ EV1700A-12 1PCE	⑧ EV1700A-14 1PCE	

Exploded view of system components

4. Installation Guidelines

Pre-Installation Checklist
Ensure wall structure supports total door weight. Track surface must be level (±2mm). Vertical alignment tolerance ±1.5mm/m.

- Measure Opening**
Verify dimensions and ensure squareness of the aperture.
- Install Upper Track**
Fix securely, ensuring perfect level alignment.
- Install Lower Track**
Align vertically with upper track. Install drainage if needed.
- Mount Panels**
Attach hardware and hang panels sequentially.
- Adjustment**
Fine-tune hinge and roller positions for smooth operation.
- Final Test**
Check locking mechanisms, sealing, and smooth folding.

Maintenance

- Clean tracks regularly to remove debris and dust.
- Lubricate rollers and hinges every 6 months (silicone spray).
- Clean glass with non-abrasive detergent.
- Inspect rubber seals annually for wear and tear.
- Check and tighten mounting screws if necessary.

Troubleshooting

- Door Sagging:** Adjust the hinge screws to realign panels.
- Hard to Slide:** Check track for debris or damaged rollers.
- Drafts/Leaks:** Check weather stripping seals for gaps.
- Lock Issues:** Lubricate lock mechanism and check alignment.

Warranty Coverage

Maximum Warranty Period: 5 Years

Aluminium Profiles	5 Years
Surface Finish	5 Years
Glass	3 Years
Hardware	2 Years

Contact Us

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For technical support, spare parts, or installation guidance, please contact our service team.