

ALUMINIUM



MAGNOLIA DOORS
LUXURY METAL WORKS



**Design Your Home
for Well-Being**

AL+ 80s

Ultra-Slim Frame

Thermal Break Aluminum Windows & Doors

Contemporary Style · Maximum light and flexibility

- In collaboration with Sobinco™ concealed hardware, our designs provide a minimalist aesthetic and smooth operation without compromising strength and durability.
- Slimmer frames allow for more natural light. Combined with flush sashes, our products deliver a sleek, modern look while maintaining excellent energy efficiency.



Regular Frame



Ultra Slim Frame

Our exclusive ultra-slim frame is **35%** slimmer than a standard frame.

Technical Characteristics

Aluminum Profile Thickness		1.8mm
Viable Width	Frame	19mm
	Sash	59mm
Profile Depth	Frame	80mm
Glass(Thickness)		32mm

Performance

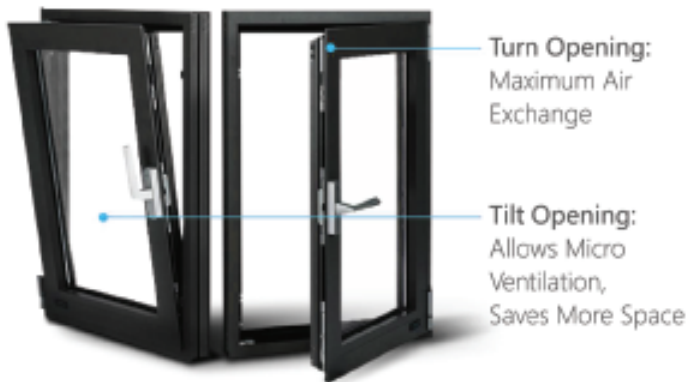
Wind Load Resistance	9
Water Tightness	6
Thermal Insulation	9
Sound Performance	3
Air Tightness	8
Daylighting Performance	/

AL+ 70s

Energy Efficient

Thermal Break Aluminum Tilt & Turn Window

Tilt & turn windows are commonly found in Europe and are gaining popularity worldwide. This innovative design features a dual-action hardware system that allows the window to tilt open from the top for ventilation—similar to a hopper window—or swing in from the side like a casement window. Known for their excellent energy efficiency, enhanced security, and sleek aesthetic, tilt & turn windows are a popular



Product Features	
Energy Saving	5.68W/M²K
Cleaning	Cleaning From Inside
Sound Reduction	25-40 Db
Serviceability Wind Pressure	2800-3000 Pa
Air Permeability	$Q_{100}=0.02\text{m}^3/\text{hm}$
Energy Efficiency	★★★★★

Technical Characteristics		
Aluminum Profile Thickness		1.8mm
Profile Depth	Frame	63mm
	Sash	50mm
Profile Depth	Frame	70mm
Glass(Thickness)		32mm

Performance	
Wind Load Resistance	9
Water Tightness	5
Thermal Insulation	8
Sound Performance	4
Air Tightness	8
Daylighting Performance	/



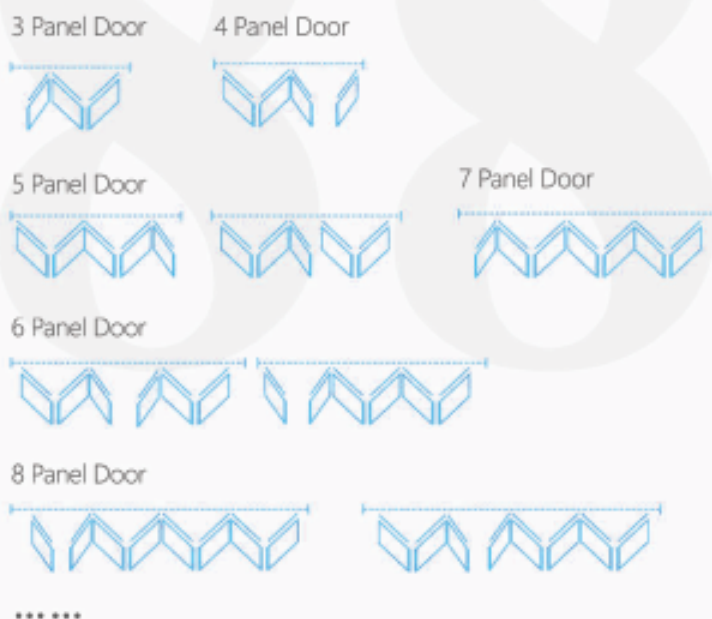
AL+ 88s

Multi-Panel

Thermal Break Aluminum Bi-Fold Door

The luxury of indoor/outdoor living

With configurations ranging from two to eight panels, this system can create openings up to 21 feet wide by 8 feet high. It's spacious enough to seamlessly extend your interior into the garden or veranda—or to connect effortlessly with another room.



Technical Characteristics		
Aluminum Profile Thickness		2.0mm
Profile Depth	Frame	46mm
	Sash	53mm
Profile Depth	Frame	88mm
	Sash	81mm
Glass(Thickness)		24mm / 33mm



AL+ 160s

Heavy-Duty Lift Sliding Doors

Thermal Break Aluminum

- Each panel supports up to 400kg, meeting the demands of larger openings while delivering a premium visual experience.
- Flexible opening configurations are available for systems with fewer than six panels, accommodating a variety of custom design needs.



Hold handle down
Sliding doors sit on rails to hold the doors in place



Pull the handle up
Sliding doors create a distance from the track, allowing for smoother sliding



Technical Characteristics		
Aluminum Profile Thickness		2.0mm
Profile Depth	Frame	40mm
	Sash	95mm
Profile Depth	Frame	210mm
	Sash	55mm
Glass(Thickness)		33mm / 42mm

Performance	
Wind Load Resistance	8
Water Tightness	5
Thermal Insulation	8
Sound Performance	4
Air Tightness	8
Daylighting Performance	/

