

ALUMINIUM



**DURALUMi**  
BY MAGNOLIA DOORS

**Design Your Home  
For Well-Being**

/// **AL+ 80s**

## Ultra-Slim Frame

Thermal Break Aluminum Windows & Doors

Contemporary Syle · Maximum light and flexibility

- Collaborate with Sobinco™ concealed hardware, which provides a minimalist aesthetic and smooth operation without sacrificing strength and durability.
- More slimmer frames can get you more lighting, coupled with flush sashes, our products offer simplicity and futuristic while keeping the very energy efficiency.



Regular Frame



Ultra slim Frame

Our Exclusive Ultra-slim Frame is  
Slimmer Than The Regular Frame.

**35%**

### Technical Characteristics

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

### Performance

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



## AL+ 70s

### Energy Efficient

#### Thermal Break Aluminum Tilt & Turn Window

Tilt & turn window is commonly found in Europe and gaining popularity worldwide. This innovative window features a dual-action hardware system that allows it to tilt open from the top for ventilation, similar to a hopper window, and swing in from the side like a casement window. Tilt & turn windows are known for their superior energy efficiency, security features, and sleek design, making them a popular choice for modern homes and buildings.



Product Features	
Energy Saving	5.68W/M <sup>2</sup> K
Cleaning	Cleaning From Inside
Sound Reduction	25-40 Db
Serviceability Wind Pressure	2800-3000 Pa
Air Permeability	Q <sub>100</sub> =0.02m <sup>3</sup> /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 Tighness	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

Configuring two to eight panels, it can create an opening up to 21' wide by 8' high. That's large enough to extend the interior right out into the garden or the veranda, or to connect with another room.



3 Panel Door



4 Panel Door



5 Panel Door



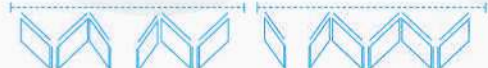
6 Panel Door



7 Panel Door



6 Panel Door



8 Panel Door



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##### 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

- The load bearing capacity is up to 400kg per panel, which will satisfy the demand for larger opening space, and offer superior visual enjoyment.
- Any arrangements of opening ways are available for products less than 6 panels, which meets the needs of custom design.



Hold handle down

Sliding doors sit on rails to hold the doors in place



Pull the hand 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 Tighness	5
Thermal Insulation	8
Sound Performance	4
Air Tightness	8
Daylighting Performance	/

