

## ALUMINIUM SECTIONAL DOORS

WIDE RANGE OF CLADDING AND GLAZING OPTIONS



Aluminium Perforated Sheet



Acrylic



Aluminium Bar Grille

For superior quality, strength and security in commercial, retail and industrial applications, nothing fits the mould better than our aluminium sectional doors.

Aluminium sectional doors are designed to withstand the rigours of the harshest working environment and are used in a wide variety of applications.

### APPLICATIONS

- Car park entries (low to medium cycle);
- Secure storage areas;
- Garage entries;
- Hospitality venues i.e. cafes, restaurants, bistros, hotels and clubs;
- Retail applications such as showrooms, arcades, malls, sporting facilities and public amenities.

Call 1800 465 599 or visit [www.miragedoors.com.au](http://www.miragedoors.com.au)

A MEMBER OF THE

## RECOMMENDED SPECIFICATIONS

Aluminium Sectional Door as supplied by Mirage Doors, Accent Mirage Doors and Rosssdoor.

## TECHNICAL DETAIL

- Maximum door size: 7500mm wide x 4400mm high (subject to weight limitations);
- Standard headroom, low headroom and high cycle operational hardware options;
- Door automation is recommended;
- For low cycle applications, single phase or 3 phase motors are available; For high cycle applications, 3 phase motors are recommended.

## FINISHES

- Choose between the following;
- Mill finish (for painting by others);
- Anodised finish (some models only);
- Powdercoat finish (to be selected from standard powdercoat ranges - wet paint selections are not available).

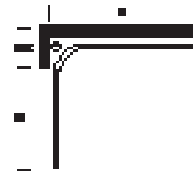
## SPECIFICATION

- Sectional doors are constructed from horizontal panels spanning the opening width with all panels installed one above the other to cover the opening height
- Whilst generally manufactured in equal sizes, sectional door panel heights can be altered within material and operational parameters for the ultimate customised finish

Note that sectional overhead doors can accommodate a range of cladding and glazing types in a single door e.g. bottom panel ventilated / top panels solid or glazed. Available options are outlined as follows:

## TRACK SYSTEMS

Select from one of the following:



Standard Head Room

STANDARD HEADROOM	HEADROOM	SIDE ROOM	BACK CLEARANCE
Manual Operation	380mm	125mm	Height + 400mm
Draw Bar Operator	Min 430mm dependant on motor selected	125mm	Height + 1000mm
Torsion Drive Operator	400mm	300mm	Height + 400mm



Low Head Room

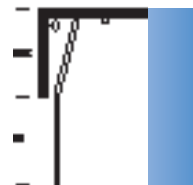
LOW HEADROOM	HEADROOM	SIDE ROOM	BACK CLEARANCE
Manual Operation	180mm	125mm to 150mm	Height + 600mm
Draw Bar Operator	Min 230mm dependant on motor selected	150mm	Height + 1400mm
Torsion Drive Operator	180mm	350mm	Height + 600mm

Note: Low headroom front spring and low headroom rear spring options available



High Lift

HIGH LIFT	HEADROOM	SIDE ROOM	BACK CLEARANCE
Manual Operation	400mm - 3950mm	150mm	Height - High Lift + 300mm
Torsion Drive Operator	400mm - 3950mm	400mm (motor side)	Height - High Lift + 400mm



Vertical Lift

VERTICAL LIFT	HEADROOM	SIDE ROOM	BACK CLEARANCE
Manual Operation	(Height x 2) + 400mm	150mm	400mm
Torsion Drive Operator	(Height x 2) + 400mm	350mm (motor side)	400mm

INSERTS & CLADDING SPECS	COLOUR	FINISH	THICKNESS / SIZE	AIRFLOW
Aluminium Security Mesh	Powdercoat Colours		7mm	54% Min**
Aluminium Solid Sheet	Powdercoat Colours	Smooth	1.2mm / 1.6mm / 2.0mm	0%
Aluminium Perforated Sheet	Powdercoat Colours	Smooth	1.6mm	40%
Steel Perforated Sheet	Powdercoat Colours	Smooth	1.6mm	40%
Acrylic	Clear/Opaque/Smoked	Smooth	6mm	0%
Polycarbonate	Clear/Opaque/Smoked	Smooth	6mm	0%
Symonite®	Powdercoat Colours	Smooth/Stucco	4.5mm	0%
Western Red Cedar	Stained/Clear	Smooth	12mm / 15mm	0%
Ply Wood	Painted/Clear	Smooth	4.5mm - 9.5mm	0%
Batten on Ply Wood	Painted/Clear	Smooth/Rough Sawn	42mm x 18mm	0%
Aluminium Slatted	Powdercoat Colours	Smooth	65mm x 16mm	10% Min**
Aluminium Bar Grille	Powdercoat Colours	Smooth	20mm / 25mm^	60% Min**
Aluminium Louvre	Powdercoat Colours	Smooth	63mm	22% Min**

\*Dependent on design \*\*Dependent on design spacing ^Square or round hollow Note: Please contact your nearest sales office to discuss the full cladding range options.

## TIPS FOR SPECIFIERS

- Aluminium sectional doors are generally suitable for applications up to 50 operations per day. For applications with higher usage requirements, we recommend a counterweight door or springless steel roller shutter c/- brake motor. Always specify the intended usage levels or the number of vehicles in a car park;
- Headroom areas as indicated above must be clear of all obstructions e.g. set - down beams, ducts, fire sprinkler pipes, lighting, cable trays;
- When specifying, please nominate any air flow requirements that may be applicable;
- Bottom panels may be tapered to suit sloping floors.