MIRAGE DOORS

S3000 BI-FOLD COUNTERWEIGHT DOORS

STEEL CONSTRUCTION

Mirage Counterweight Doors - Operational Clearances (To Be Read With The Drawings Overleaf)

Note: These dimensions are a guide only, and may vary according to site restrictions or door design features e.g. windloads, cladding, structural columns. For project - specific details please contact your nearest Mirage Industries representative.

Item	Door Width	Door Width	Door Width
3000 SERIES FOLD - UP DOOR	Up to 3000mm	3000mm - 7000mm	7000mm - 10000mm
Nib Width	160mm - 200mm	200mm - 250mm	250mm - 400mm
Nib Depth	190mm - 220mm	220mm - 250mm	250mm - 400mm
Forward Projection (approx)	25% of door height	25% of door height	25% of door height
Internal Projection	25% of door height	25% of door height	25% of door height
Headroom - Manual Door	200mm	300mm	375mm
Headroom - Motorised Door	400mm	400mm	400mm
Folded Door Thickness	280mm	330mm	400mm

* For counterweight doors exceeding 10 metres wide consult your nearest Mirage Doors branch for headroom and sideroom requirements.

Call 1800 465 599 or visit www.miragedoors.com.au

S3000 BI-FOLD COUNTERWEIGHT DOORS

RECOMMENDED SPECIFICATIONS

The Series 3000 counterweight door as manufactured by Mirage Industries Pty Ltd. Australia. Twin leaf design, horizontally hinged and counterweight balanced to lift vertically into a folded position. (When specifying, please state type of glazing or type and colour of metal cladding).

APPLICATION

Suitable for commercial and industrial use. These doors may be used to span large openings of up to 30 metres wide. Design wind loads range from a standard of 0.5kPa to cyclonic conditions, as required.

FRAME

The doors are constructed from rectangular steel hollow section and suitably braced and trussed for minimum deflection in the open and closed position. The standard design is based on 0.5 kPa wind load. (This may be altered to suit particular situations. The desired wind load must be stated when specifying).

CLADDING OR GLAZING OPTIONS

Colorbond wall cladding, aluminium sheet, bar grille, weldmesh, amplimesh, timber, glass, acrylic. Discuss any other requirements with a Mirage rep.

LOCKING OPTIONS

- **Manual** - locking by internal pad-bolts to each side of the bottom of the door. (Padlocks supplied by others).
- **Lock-open** - a device to secure the door in the open position is fitted to all manual doors.
- **Motorised** - door held open or closed by the motorisation system.

COUNTERWEIGHT COVERS

Each counterweight is encased in a folded steel cover for safety and improved appearance.

ACCESS DOORS

If the door height permits an access door may be incorporated into the bottom leaf.

SEAL OPTIONS

Brush, rubber or acoustic seals in various sizes are available.

FINISH

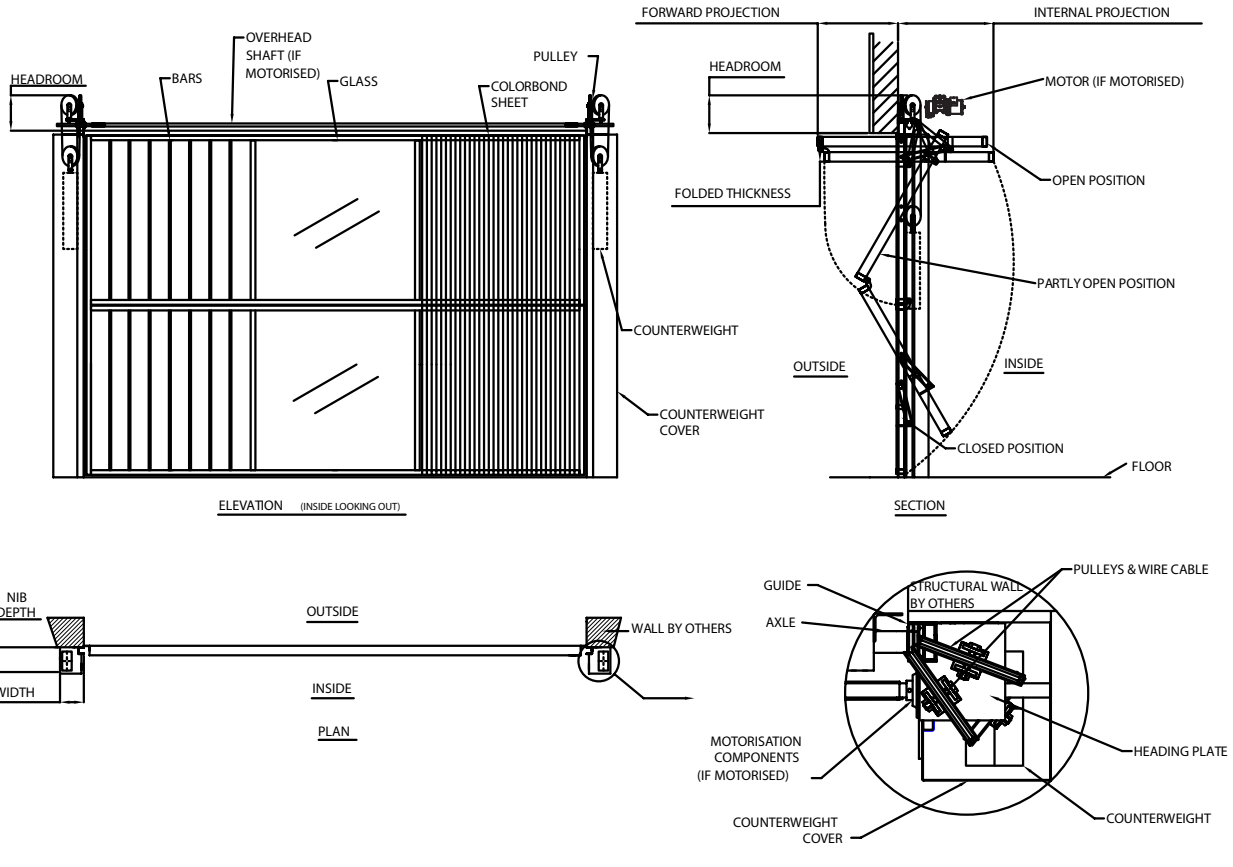
The standard finish is a prime paint to the frames and guide channels. Other options include enamel paint, powdercoating and polyurethane paint. Hot dipped galvanising is recommended for corrosive environments.

POWER OPERATION

Doors may be electrically operated and fitted with control systems as required. The standard motor is a 1 hp clutch motor. Continuous rated or single phase motors are also available. Manually operated doors can be designed to suit future motorisation requirements.

TIPS FOR ARCHITECTS & BUILDERS

- It is important to understand that the door tracks, hardware and counterweights are located BEHIND jambs. The door panel swings IN - BETWEEN the jambs;
- Preparation of openings to suit the Series 3000 door is by others. Recommended fixing surfaces are structural steel, concrete panels or core - filled masonry. Hollow masonry or stud walls are unsuitable fixing surfaces.
- For motorised doors, the recommended power supply is 3 phase 415v with neutral, terminated to an isolation switch located within one (1) metre of the motor. This work is by others;
- Counterweight doors are ideal for high cycle applications, offering exceptional reliability and long term durability.



Mirage has a continuous program of product development and reserves the right to change specifications at any time without notice.

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