PRODUCT SPECIFICATIONS – SERIES 3000 TWO LEAF "BI-FOLD" COUNTERWEIGHT DOORS

PROPRIETARY SPECIFICATION

SERIES 3000 Two Leaf Bi-Fold Counterweight Doors as manufactured by Mirage Doors

FRAME

The frames are constructed from steel hollow section (SHS) and designed in accordance with AS1170.2-2002 and AS4100-1998, to withstand wind loading as required in the closed position and provide minimum deflection in the open position.

COMPLIANCE TO WINDLOAD SPECIFICATIONS

Doors must comply with the following project criteria (note that wind rated counterweight doors cannot be ventilated):

- Site address:
- Wind Region: Terrain Category:
- Regional Wind Speed VR: Internal pressure coefficient:
- Ultimate Limit State Pressure (P*) in positive & negative for each roller shutter:
- Importance Level:

CLADDING

Colorbond, Steel Sheet, Aluminium Sheet, Bar Grille, Weldmesh, Amplimesh, Timber, Glass, Acrylic. Discuss any other requirements with a Mirage representative.

OPERATION

- Manual by hand;
- **(Low Cycle):** Electric operation is by a 1 h.p. / 1.5 h.p. / 2.0 h.p. clutch motor / gearbox c/- push button operation via a reversing contactor. This includes emergency chain operation in the event of power failure. Key switches can be added if required;
- **(High cycle – over 50 operations per day):** Electric operation is by a 1 h.p. / 1.5 h.p. / 2.0 h.p. motor / gearbox c/- logic control box and photo – electric beam protection. Supply, install & interfacing of access control systems are by others. This motor includes emergency chain operation in the event of power failure.

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LOCKING

For manually operated doors, sliding pad bolts are fitted to the bottom of each side - padlocks are supplied by others.

FINISH OPTIONS

- Dulux Duralloy or Interpon D1000 powdercoat finishes are suitable for Series 3000 counterweight doors;
- Other options include polyurethane paint or enamel paint;
- Hot dipped galvanising is recommended for corrosive environments.

OPTIONAL EXTRAS

- Access / personnel doors within the door;
- Remote control activation c/- photo electric beam protection;
- Integration / interfacing with parking system controls.

TECHNICAL DETAILS

Refer to Technical Data Sheet 17 for technical drawings and clearance dimensions.

SPECIAL NOTES

- The power supply required for the motor is either:
  - 3 phase 415v with neutral (10 amp), located within one metre of the motor;
  - Single phase hard wired (10 amp), located within one metre of the motor.
- Work by others:
  - Power supply provision of required;
  - Structurally adequate wall / mounting points to support the counterweight door;
  - Adequate headroom & sideroom as per Tech. Data sheets to ensure successful operation
- Product warranty – 12 months.

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

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