



COUNTER-WEIGHT DOORS

ARCO BI-FOLD

Vertical Folding



General Description

The fully Australian Made ARCO Bi Fold door is designed and engineered to suit most Commercial and Domestic openings. The Arco Bi-fold door is constructed with two panels hinged together in the centre. When open approximately $\frac{1}{4}$ of the door is projected inside the opening and approximately $\frac{1}{4}$ outside.

Specifying

The ARCO Bi Fold is custom built for each specific application. Because of the reliability and action of this door the most common, suited applications are large to extremely large openings; Emergency service applications; Carpark entries; Show rooms and Schools

Finish / Construction *

ARCO Bi Fold has a Standard finish with either a two pack Luxathane paint finish or Powder coating over Duragal steel.

*Frame construction is engineered to comply with the relevant Australian Standards applicable

Cladding /Glazing

The ARCO Bi Fold can be designed to accept a wide variety of cladding and glazing materials. Combinations of glazing and cladding are quite common.

*Insulated Panel

*Fire rated Composite Sheet such as Alpolic.

*Solid or perforated Aluminium sheet including "Pic Perf"

*Vertical or Horizontal Bar Grill

*Toughened/Laminated glass including double glazed units

*Polycarbonate, Acrylic, Perspex, Laserlite etc and basic sheeting products such as trim deck, Custom orb, etc.

Arco doors can be supplied "Frame Only" for cladding on site such as timber.

*Cladding materials are limited only by your imagination and physical constraints.

Opening Requirements

The ARCO Bi Fold is installed with vertical tracks behind the opening nibs. Door operates within clear opening. It is important to consider the operational clearances.

Please Refer to Technical sheets C1 & C2 for clarification and approximate clearance requirements.

Motorisation

All Drive units, include a torque limiter (unique to “Arco” doors) and independent limit switches.

Locking

Locking is normally provided on manually operated doors only.

Motorised doors are usually locked via motor however additional security is available by (electric or magnetic locks etc)

Acoustics

All motors are rated as silent running and with the inclusion of Arco’s “whisper quiet” resilient mounts, the structure borne noise is limited, this being essential for many car park applications.

Controls

PLC & Logic Control system can include variable speed control and Battery Back Up (essential when the door is required to open on FIP signal) and normally require only single-phase supply. Safety features such as photo beams etc. can be included in the system which is fully compatible with most building management systems.

Supply & Installation

Arco doors can be supplied all over Australia, we recommend installation by our team of expert installers although self or assisted installation is available.

Arco PTY LTD pride ourselves on being the market leader in producing Specialised engineered doors and supports our country by being **Australian Built and Australian Owned**

