

ARCO MULTI-FOLD

Side Folding



General Description

The fully Australian Made ARCO Multi-Fold door is designed and engineered to suit most commercial and domestic applications, providing great flexibility and ingenuity. Sizes range from as small as serveries to large fire station doors.

The ARCO Multi-Fold is the newest of the ARCO range of automated door systems, designed to provide an instant visual opening clearance as soon as door is open eliminating the need to "look up" for assurance that the door is in fact opened.

The ARCO Multi-Fold is rated for continuous operation with minimal maintenance and proven reliability hence it comes with a 3 Year / 300,000 cycle warranty

*Subject to Maintenance agreement.

Specifying

The ARCO Multi-Fold is custom built for each specific application and its design includes consideration for:

- operational requirements, in & outswing
- opening dimensions, structural and architectural design

Thus, it is important to accurately detail opening dimensions and adequately specify any requirements.

Finish / Construction

ARCO Multi-Fold Standard finish with one or a mixture of a two pack Luxathane process and Powder coating. Frame may be constructed with Aluminium or Duragal steel

*Materials and Maximum size determined by wind load, Cladding and speed of operation.

Cladding /Glazing

The ARCO Multi-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 FR and Alucabond A2

*Toughened or Laminated glass, including Double glazed units and sheeting products such as perforated sheet for ventilation, or trim deck, Custom orb etc, Colorbond range



Opening Requirements

The Arco Multi-Fold door requires operational clearances as well as permanent space for its accommodation. These dimensions vary depending on the application, size and weight. The Arco Multi -Fold can be installed behind the opening width or within the opening width reducing drive through clearance. It is important to take these into account especially the operational clearances as they impinge on other design criteria.

Please Refer to Technical sheets S1 and S2 for standard clarification and approximate clearance requirements.

Motorisation

The ARCO Multi-Fold is automated by use of

- Integral motorisation track ensuring, quiet smooth operation.
- Drive unit, includes a torque limiter and independent proximity switches with variable speed control.
- Control system with safety features such as laser detection, PE Beams and touch strips can also be fitted.

In Ordering a motorised ARCO Multi-Fold Door these items are included as integral components.

Operation

The Arco Multi-Fold is rated for 100% duty cycle thus the use of high use safety hinges. Standard speed of operation is 450mm per second but can be designed to achieve over 1.5 meters per second. (Weight and size dependant)

Locking

Motorised doors are usually locked via motor however additional security is available through the use of a electronically integrated 25mm Stainless locking pin, mag locks etc.

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