

# ARCO VERTICAL-LIFT

*Vertical Sliding*



## General Description

The fully Australian Made ARCO Single Vertical Lift door is designed and engineered to suit most Commercial and Domestic openings. The Arco Vertical Lift door is a single leaf rigid panel and normally used in small height doors, but may be made multi-leaf where head height is restricted.

## Specifying

The ARCO Vertical Lift is custom built for each specific application and is designed for quiet architecturally pleasing doors with great durability. Its design includes consideration for operational requirements; opening dimensions and structural and architectural design.

## Finish / Construction \*

The ARCO Vertical-Lift 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 Vertical Lift door 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.

\*Toughened/Laminated glass including double glazed units

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

\*Doors can be made with vertical or horizontal bars or Perforated sheet for ventilation requirements or an overall architectural look.

## Opening Requirements

The ARCO Vertical Lift door requires operational clearances as well as permanent space for its accommodation. These dimensions vary depending on the application, size and weight. This door is installed with tracks behind the opening nibs and operates within clear opening with minimal internal projection and zero external projection. It is important to take these into account (especially the operational clearances) as they impinge on other design criteria eg drive through clearances.

**Please Refer to Technical sheet C9 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***

