

ARCO HINGE AWAY

Offset Bi-fold



General Description

The fully Australian Made ARCO Hinge-away door is designed and engineered to suit most Commercial and Domestic openings. The Arco Hinge-away is constructed with two panels hinged together with approximately $\frac{1}{4}$ of the opening height projecting inside and from $\frac{1}{2}$ projecting out.

Specifying

The ARCO Hinge-away is custom built for each specific application. Its design includes consideration for operational requirements, opening dimensions and structural and architectural design. This door is most suited when minimal internal projection is required and also provides slightly higher drive through height than a Bi-fold door.

Finish / Construction *

The ARCO Hingeaway 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 Hinge-away 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 Hinge-away 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 C7 & C8 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**

