

Renlita Series 2000

VERTICAL FOLDING DOORS



Complementing the architecture of your business or home.

The Renlita Series 2000 is a counterweight balanced, foldaway door designed for industrial, commercial and domestic projects where minimum internal projection is desired. A two-leaf design, when opening, the door folds along a horizontal hinge line and moves upward coming to rest immediately below the lintel.



OVERVIEW

ARA Manufacture custom designs and manufactures each door individually using precise mathematical calculations to achieve exact counterweight for safety and appearance, offering a 6 to 1 safety factor.

Wind loading can be a critical design factor especially in cyclone prone areas; unless otherwise specified the doors are designed to resist a minimum wind loading of 0.5 kPa.

Doors can also be electrically operated by a compact gearbox with a three phase or single-phase motor.

APPLICATIONS

The Renlita Series 2000 foldaway door is designed to suit many domestic, commercial and industrial projects including:

- Schools
- Swimming pools
- Garages
- Carpark entries
- Factories
- Warehouses
- Showrooms
- Industrial buildings

DESIGN

- **Operation:** Manually operated or motorised. Door movement is controlled by guide roller operating in 60 x 70 x 60 x 3mm guide channels.
- **Safety:** Our patented anti-fall brake mechanism is optional and designed for the event of a cable failure.
- **Locking:** Internal pad-bolts (for manual doors).
- **Cladding:** Standard steel or glass cladding. Other available cladding includes plywood, mesh, perforated sheet, woven wire and galvanised sheet.

SIZE

Maximum width – 10 metres Maximum height – 6 metres

FINISH

Standard finish on frames and channels is epoxy primed and polyurethane. Anodised or powder-coated finish for glazed doors.