



# High Speed Doors



**Quality since 1967**

*Reliable Doors & Docks*

## Model **MIRFLEX ECO®** AUTO-TRACKING



This is the lightweight version of Mirflex® AUTO TRACKING, for medium size openings, ideal for separating different environments and passage ways between buildings, warehouses and stores.

Designed with different small size profiles, they take up little of the opening's light space and require little space on the side bracelets and on the lintel.

They are resistant to moderate air currents and the curtain has a system of flexible reinforcements that come off the guides when they receive a strong impact and roll up again when the door opens.

### Structure

Vertical mountings made up of a reinforced guide made from extruded aluminium and with a specific design for this model door, housed in a double rectangle profile with central housing for the guide. Can be delivered lacquered in two colours (Pyrenees white and grey RAL 9007) and stainless steel anodised. Stainless steel sheet base with eyelets for fastening to the floor. Black polyethylene tracking.

The aluminium rolling drum is situated between two stainless steel supports with reinforced bearings that support the shaft.

The bases are fastened to the floor and the head to a light support structure. In order to ensure greater resistance to frontal forces, one or two middle fastenings are required depending on the height.

### Canvas specifications

The canvas has a series of lengthwise reinforcements, which provide rigidity and the resistance required for the air pressure currents it will endure. A concave/convex profile made of "composite" materials is sheathed in the curtain.

This profile has extraordinary resistance to breaking (even with violent impacts from moving vehicles) and can withstand significant flexing without causing permanent deformations. The lower skirting is a PVC bag, enabling perfect adjustment even on uneven surfaces. The bag is painted in yellow and black stripes, for greater identification of the transit area.



Mirflex ECO® AUTO-TRACKING stainless.

### Auto-tracking system

In the event of impact on the curtain, the sheet bends thanks to the flexibility of the reinforcements and can come off the guides.

When it goes up again, the ends of the reinforcements are reinserted into the guides thanks to the auto-tracking system on the lower part. The door is then ready for the next manoeuvre. The system reduces the span width by 80 mm.

### Motor and control panel

Compact self-locking reducer motor for intensive use with integrated position mechanical switches. Internal safety catch. Electro-brake for exact positioning and locking the canvas. Manual release of the electro-brake with handles. Manual opening system with a crank or chain. Control panel. 230/400 V three phase power supply. Electronic control panel.

Option: Single phase 220 V power supply and control panel with programmable automaton and with a frequency converter for regulating speeds.

### Options

- Emergency opening system via UPS or mechanical system.
- Available Mirflex Eco Inox Plus 100% in stainless steel.
- Double canvas

### Access security

Option 1: Wireless contact band on the main edge and infra-red barrier at 500 mm from the floor.

Option 2: Infra-red curtain up to 2.5 m height.

This system has a series of photocells fitted one on top of another that create the infra-red barrier on the entire height of the door and up to 2.5 m high, which detects any object, including small objects, preventing lowering the door or raising it again if it has already begun to lower. Avoids physical contact with the door.

### Performance of the air

Wind resistance as per 12424: up to Class 0.

### Dimensions

Maximum: 3,300 x 3,500 mm.  
Please, ask for higher heights.

# HIGH SPEED DOORS

INSTANT  
PASS

GRAND  
PASS

INSTANT  
ROLL

HERMETIC  
ROLL/BALL

INSTANT  
PROTECT

EASY ROLL

**MIRFLEX**

MIRZIP

GENERAL  
SPECIFICATIONS  
& APPLICATIONS

IMPLE-  
MENTED  
PROJECTS



Mirflex ECO® AUTO-TRACKING with printed canvas.



Mirflex ECO® AUTO-TRACKING in food industry.



Mirflex ECO® lacquered in white color at food industry.

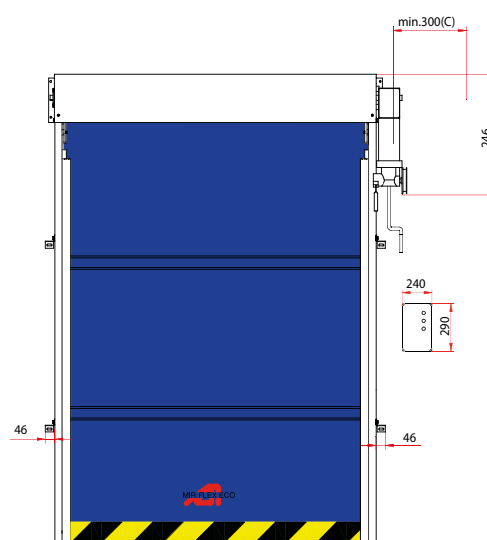
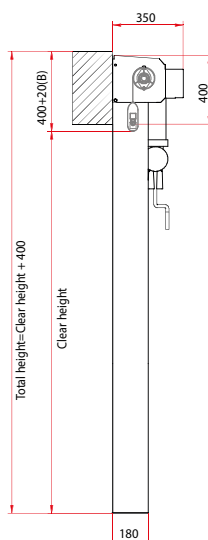
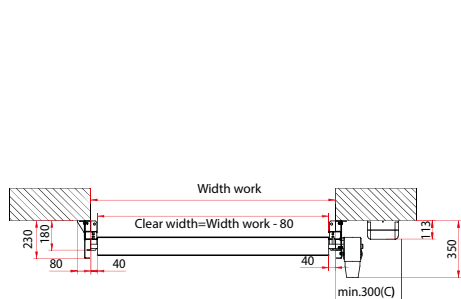


Mirflex ECO® ECO in logistic center of a distribution chain.



Mirflex ECO® AUTO-TRACKING with see-through canvas.

## Installation measurements Mirflex ECO® AUTO-TRACKING (in mm.)



- Doors with clear height > 3.200mm is necessary extra lintel 50mm
- Double canvas doors, is necessary extra lintel 80mm
- With mechanical opening system it increases 250 mm of bracelet.

- (B) Exemption of installation  
(C) To assembling and disassembling the motor

- For total height up to 3m manual operation by crank
- For total height over 3m manual operation by chain