



# ONYX INDOOR AIRLOCK

Access control / Automatic airlock

You control the transit of pedestrians and people with reduced mobility in both directions.

The ultimate in versatile equipment, the ONYX range of double-leaf butterfly-type airlocks can be integrated into most architectural styles.

The P1/P2 door units can be integrated into existing walls or installed independently using side frames.

900 mm passage width, i.e. **1 UP** in evacuation mode.

1400 mm passage width, i.e. **2 UP** in evacuation mode.

Upon authorisation by the access control system, the doors open in the direction of passage.

The matrix uniqueness detection system integrated into the door units signals any attempts at multiple passages.

If multiple passages are detected, users are asked to exit the airlock and restart the procedure normally.



PMR compatible



Detection



Evacuation possible



## Features

### Standard depths

#### Onyx airlock 900 mm / 1 UP

- 1,270 mm
- 1,650 mm
- 2,030 mm
- 2,410 mm

#### Onyx airlock 1400 mm / 2 UP

- 2,410 mm
- (For other dimensions, please contact us)

### Widths

- 1,160 mm / Passage 900 mm / 1 UP
- 1,660 mm / Passage 1,400 mm / 2 UP

### Height

2,330 mm

### Weight

~ 550 kg

### Locking force

310 Nm

### MCBF

5,000,000 cycles in accordance with the recommended maintenance schedule

### Noise level

35 dB

### Operating temperature

+10 to +55°C

### Power supply

110/230V single-phase 50/60Hz

### Maximum power

- Onyx 900 mm airlock: 350 W
- Onyx 1400 mm airlock: 550 W

### Colour/Finish

Anthracite grey - RAL 7016

## Detailed description

### Structure

- Powder-coated steel
- 66.2 glass partitions
- 12 mm opal PMMA roof

### Pivot doors

12 mm clear tempered safety monolithic glass

### Door opening

Butterfly-type opening of the door leaves in the direction of passage

500/600 mm or 600/900/1400 mm function

### Motorisation

- Two reversible brake gear motors
- Self-limiting torque device
- Current emission brake (positive safety) or current interruption brake (negative safety)

### Lighting management

Low-energy GREEN/RED/BLUE LED indicator for ENTRY and EXIT directions

### Detection

Single passage: IR cells in door jambs

Presence detector: IR cells on the floor

### Information display

- Effective passage
- Uniqueness fraud
- Technical alarm
- Misuse
- Door open/closed
- Door forced open
- Voice synthesis

### Evacuation function

- Automatic opening upon fire alarm
- Manual release possible in both directions towards the side opposite the danger

### Compliance

- CE
- Co48

### Passage flow

6 to 8 people/min

## Other configurations – Contact us

**Sas onyx<sup>AR</sup>**  
Non-return valve



Logistics



PMR compatible



Detection



Contactless



Evacuation



Made in France

### Optional equipment

- Air-tight doors
- Customised length
- Integration of specific logo
- Custom RAL colours
- Smart Config console
- Specific partitioning
- Laser presence detection
- Pole for specific reader
- Manual control panel
- Burglar-proof glazing (66.4)
- Mechanical deadbolt
- Crowd control barriers upstream and/or downstream of the security gate
- Backup batteries:
  - ≈ 8 hours on standby and approximately 2 hours in continuous use
- Self-protection (AP)
- Bus communication (RS232, IP, Modbus, etc.)

### Work to be carried out by the customer

- Provides a clean, level finished floor
- Supply and connection ducts for various networks: Ø30mm
- Equipment fixed to the floor
- Connection of equipment
- Integration of accessories (badge reader, video, etc.)
- Power supply: 3x2.5mm<sup>2</sup>
- Access control cables
- Fire detection and manual trigger cables
- Specific study related to the location to be equipped
- ...

## Avertissements

Document non contractuel.

Les enfants doivent être maintenus sous surveillance d'un adulte. Le client doit s'assurer du bon respect des réglementations lui incombant.

Dans un souci permanent de suivi technologique de ses produits, BOLLORÉ se réserve le droit de modifier, supprimer, cette fiche produit sans préavis.

## Bolloré Protection S.A.S

Tel. : +33 (0)2 40 77 82 82

Email : commercial@bollore.fr

14 rue Pasteur – PA du Ragon

44 119 Treillières – France

SIRET : 305 419 897 00031

APE 2630Z – TVA IC FR31 305 419 897 – 305 419 897 RC Nantes