

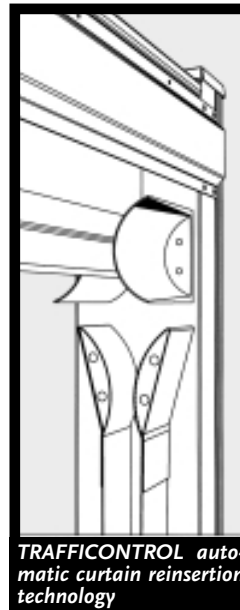
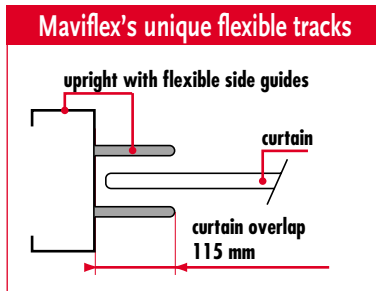
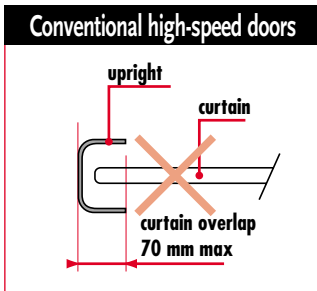
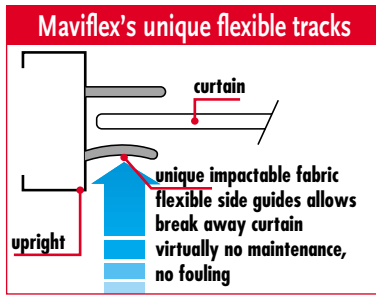
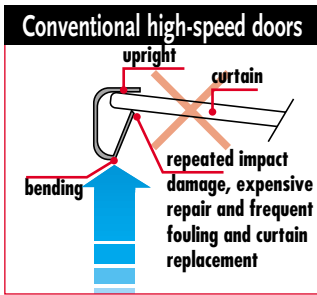
# Maviroll



## HIGH-SPEED DOOR ENGINEERED FOR INDUSTRIAL AND COMMERCIAL INTERNAL DOORWAYS.

- *Maviroll is the robust yet simple High-Speed Door, that provides safety and durability.*
- *Unique Flexible track for Break-away Curtain with Automatic Reinsertion System.*

# High-Speed Fabric Roll-up Door. Unique Flexible Track for Break-away Curtain with Automatic Reinsertion System.



## Multi safety devices

*maviroll* complies with EN 13241-1 Safety Standard.

*maviroll* High-Speed Fabric Roll-up door's, standard features include :

- TRAFICONTROL curtain release system with automatic reinsertion system.
- Soft bottom edge technology (no more troublesome rigid bottom edge electronics).
- Curtain safe light weight
- Vertical photocells to detect a contact under the curtain
- Horizontal photocells to detect a person crossing the door operates.

**Option :** semi-automatic counterweight in the event of power failure (spring free Counterweight).

## Main characteristics

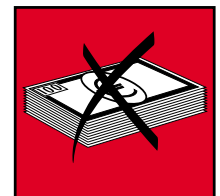
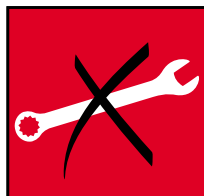
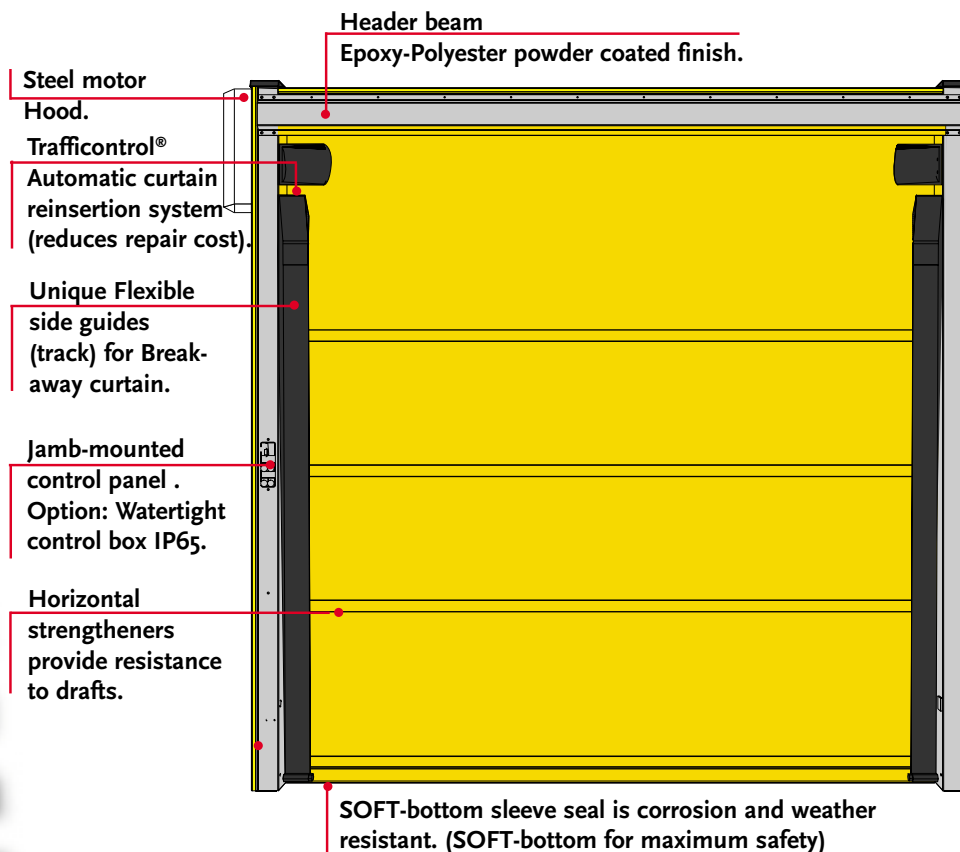
- New reliability concept, Flexible Track for Break-away curtain with automatic reinsertion system (Patent).
- *maviroll* complies with EN 13241-1 safety standard.
- The beauty of this door lies in its strong simple design.
- They are no belts, no drive chains, no cables, no pulleys... NO HASSLE !
- This design reduces maintenance costs.
- This design saves energy, reduces noise.

## Maviroll unique design

- In the event that your *maviroll* High-Speed Door is impacted, the door curtain is released from the Flexible Track (side-guides) and then automatically reinserts itself without human intervention.

## Peripheral weatherseals

- Sealing top hood included
- Bottom sleeve seal, weather resistant



# Maviroll



*Maviroll is a dust, thermal and noise barrier. Built-in draught resistance.*

## Barrier data

- Thermal insulation :  $K = 5 \text{ Watt /m}^2/^{\circ}\text{C}$
- excellent thermal separation
- Sound attenuation : 19 dB A

## Frame

- Self supporting Galvanized steel frame (Uprights and Header beam) with Polyester powder coated finish Grey RAL 7016, other RAL colours on request.
- Track fitted with Flexible guides on the uprights.
- New reliability concept, Flexible guides for break-a-way curtain (both ways) with automatic reinsertion system Maviflex (Patent).

## Curtain

- Weight /sqm : 850 g
- Tear strength warp/weft : 50 daN
- Treatments : mildew / UV and salt resistant
- Fire resist M2.
- Finish : Acrylic varnish
- Cold crack temperature :  $-30^{\circ}\text{C}$
- Fabric curtain reinforced with horizontal strengtheners to provide maximum resistance in draft applications.
- **maviroll** curtain is built-in to withstand high drafts and negative pressures (Class 2)
- Option : Company logo painted to corporate colours.

## Noiseless operation

- **maviroll** curtain operates silently as the side-guides (tracks) are made from heavy-duty Polyester fabric. No noisy steel or aluminium tracks !!



*Self-supporting mill-galvanized steel frame with Epoxy-Polyester powder coated finish*

## High-speed operation

The average opening/closing speed of the **maviroll** is 1 m per second.  
Closing : 0.5 m/s (conform to EN 12453)

## Clear dimensions

For use interior openings, the Maximum Door size is : 4000 mm Wide x 4000 mm High.

## Control panel

Jamb-inserted Control Panel.  
Protected power cut-off switch.  
Plug in electronics technology.  
Telemecanique components  
CE Mark  
Pre-wired control system  
**Option** : - Control Box - ABS IP65.  
- Fiberglass (GRP) Box IP 66

## Electrical supply

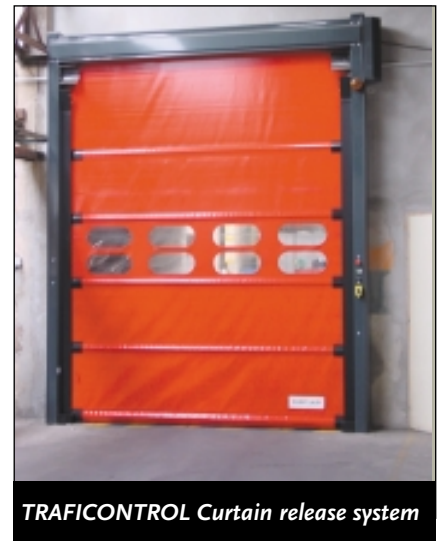
Voltage option :  
240 V or 400 V **Three-phase** and earth, without neutral.

## Opening controls

- Manual Controls :  
Opening and closing by holding down the push-button, pull switch cord...
- Automatic Controls : depending up the traffic flow : induction loop detector, hand-held radio, radar (motion sensors), photocells...

## Gear brake motor

Motor is fitted on direct drive.  
2 speed motor.  
Electrical power 0.75 kW  
Sealing Protection gearmotor : IP 54.



*TRAFICONTROL Curtain release system*



*Oblong windows*



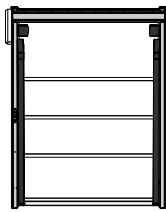
*With automatic reinsertion system*



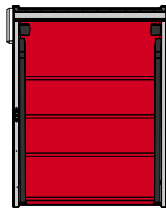
*Jamb-inserted control panel*

# Maviroll

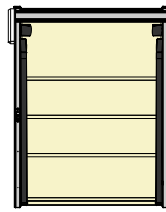
## Match Your Corporate Colours with 9 Frame and Curtain Colours Available



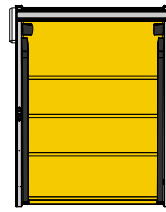
White  
RAL 9016



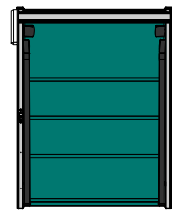
Red  
RAL 3002



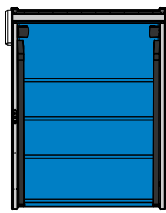
Ivory  
RAL 1015



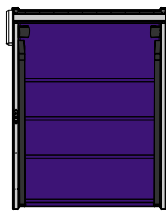
Dark Yellow  
RAL 1003



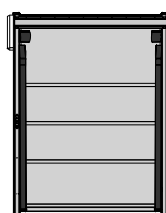
Dark Green  
RAL 6026



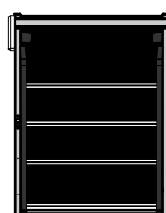
Blue  
RAL 5015



Blue  
RAL 5002

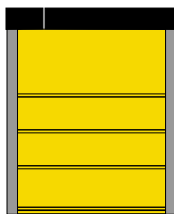


Light grey  
RAL 7038

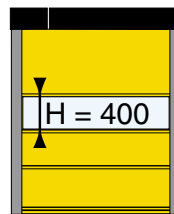


Black  
RAL 9005

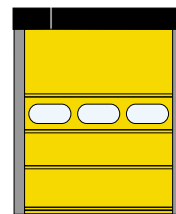
### Visibility



Opaque

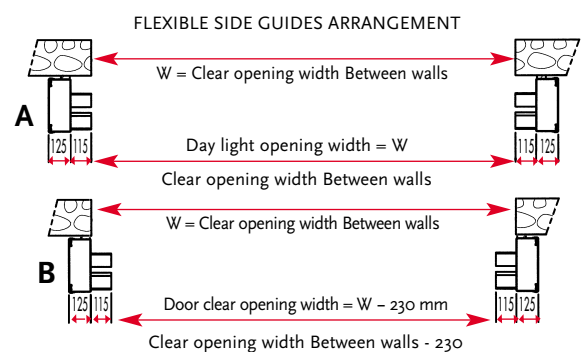
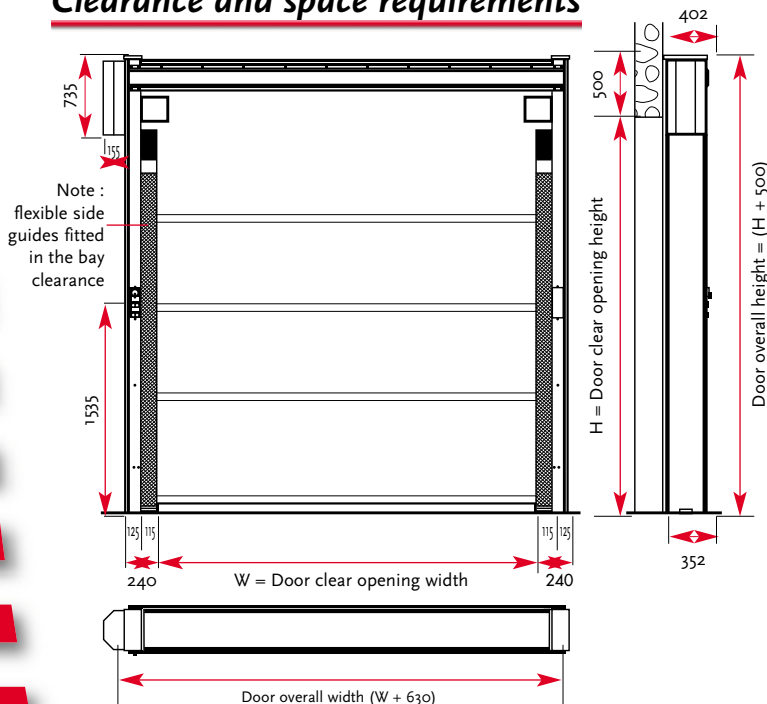


1795  
One or more  
vision panels



1695  
one row or more  
oblong windows

### Clearance and space requirements



We recommend installation with flexible side guides fitted in the bay clearance as shown in drawing B for automatic reinsertion in two ways