

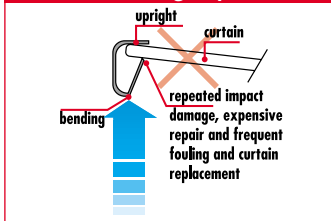
Mavifold



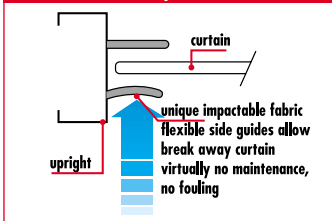
HIGH-SPEED FABRIC FOLD-UP DOOR FOR INTERNAL AND EXTERNAL APPLICATIONS

- *Impact resistant door curtain design
with Unique Flexible Track*

Conventional high-speed doors



Maviflex's unique flexible track



**High-Speed Fabric fold Door.
Unique Flexible track.**

Full Time Operating Service

- New reliability concept, Unique Flexible Track.
- Maviflex Rapid Fold Door with break-away increases your safety and efficiency. Reduces damages of the curtain.
- The gap between the two side guides is wide enough to ensure easy and safe operation of the door panel even after a hit by a forklift truck.
- Maviflex high-speed door remains safely operational.

No Hassle, no Damage

The quality of Maviflex' high-speed door range lies in its strong simple design.

- No steel track damage by repeated impacts. The track is foreseen with two side-guides made from heavy-duty flexible polyester fabric.
- No fouling of the panel means no damage of the curtain.
- No more trouble with some rigid bottom edge electronics. Maviflex adopts the new soft bottom edge technology.

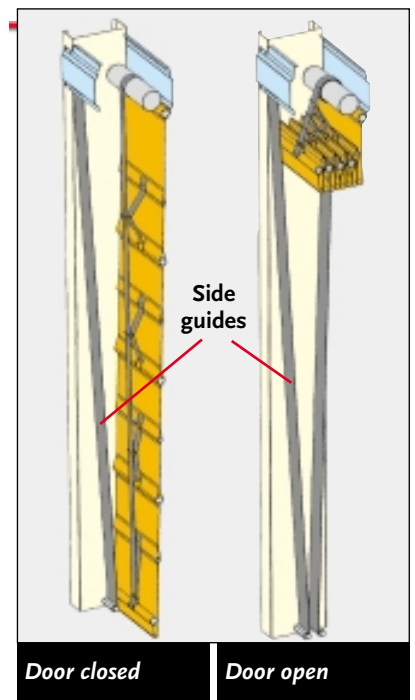
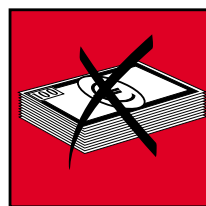
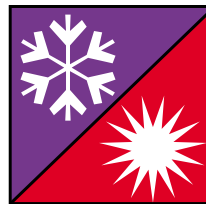
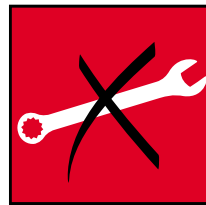
Virtually no maintenance

Heavy duty flexible side guides save money on expensive repairs and frequent panel replacements.

- Soft bottom edge takes durability to another dimension.
- The flexible side guides reduce the flagging of the curtain in case of both negative and positive pressures or wind loads.

Noiseless operation

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



Multi safety devices

mavifold complies with EN 13241-1 Standard.

mavifold High-Speed Fold-up door standard features include :

- Curtain release system without damaging the door curtain.
- Soft bottom edge technology (no more trouble with some rigid bottom edge electronics).
- Safety light curtain until 2.5 meter to prevent any impact on the door
 - Safety photocells to prevent the lifting by the straps
- Flashing warning lights, when the door- operates.

options :

- semi-automatic counterweight in the event of power failure. (Spring free counterweight)
- Hand crank on motor exit.

Mavifold unique design

- In the event that *mavifold* High-Speed-Door is impacted, the door curtain is normally released from the Flexible Track (side guides) without damaging the door curtain.
- Unique Technology :
The unique curtain release Technology lies in its strong simple design. The Track is built with two side-guides made from heavy-duty flexible polyester fabric. The curtain offers durability, low maintenance, long-lasting doors for heavy Industrial and commercial applications.

F20 - F30 Models *Mavifold*



Frame

- Self supporting galvanised steel frame (uprights and header beam) with Polyester powder coating finish Grey RAL 7016, other RAL colours on request.
- Track fitted with flexible guides on the uprights.

Curtain

- Support : 100% high-strength Polyester fabric, with double-sided PVC coating.
- Weight : 850 g/sqm.
- Tear strength warp / weft : 25 daN.
- Treatments : UV and fungicide.
- Finish : acrylic varnish.
- Cold crack temperature : -30°C
- Available in 12 standard colours.
- Fabric curtain reinforced with horizontal strengtheners to provide maximum resistance.
- Fabric with flame retardancy M2.

Options:

- Company logo painted to corporate colours.
- Double skin curtain. U = 2.7

Barrier data

- Thermal insulation
- U = 5
- Sound attenuation : 16 dB A
- Sealing top hood included.
- Bottom sleeve seal, weather resist
- Draft Killer on flexible guide
- **Built-in wind resistance.**
- Use : exterior openings.
Wind resistance : Class 4 (146 Km/h) or class 5 following size.
- Up to 6000 wide x 6000 high F30model.

Control panel

- Jamb-inserted control panel.
- Protected power cut-off switch.

- Plug in electronics technology.
- Conform to E M C
- Pre-wired control system.
- Permanent Safety control
- **option:**
 - Fiberglass (GRP) Box IP 66 (Nema 4X exterior use).
 - AB5, IP65 (Nema 4 x exterior use)

Gear brake motor

- 2 speed motor
- Electrical power 0,75 kW to 1,5 kW.
- Sealing Protection gearmotor : IP 55

Electrical supply

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

Note : with neutral if frequency inverter.

Opening controls

- Manual controls:
Opening and closing by holding down the push-button, ceiling pull cord switch...
- Automatic controls : induction loop detector, hand-held radio, radar, photocells...

High-speed safety operation

- The opening speed of the *mavifold* is 1m per second.
- 0,5 m/s closing (CONFORM TO EN 12543)
- Clear opening > 25m² : 0,6 m/s

Clear dimensions

- For use Exterior openings, the Maximum door size is : 6000 mm Wide x 6000 mm.
- F20 model : 4500 x 4500
- F30 model : 6000 x 6000



Curtain release system without damaging the curtain. Impact resistant curtain



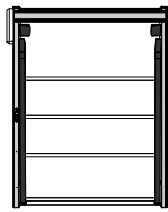
Mavifold with pedestrian door



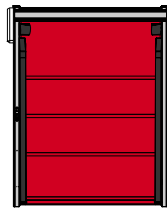
Jamb-inserted control panel

Mavifold

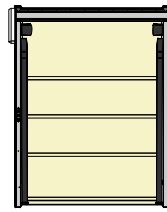
Match Your Corporate Colours with 9 Frame and Curtain Colours Available



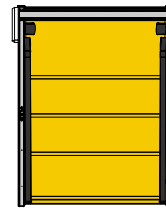
White
RAL 9016



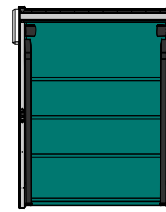
Red
RAL 3002



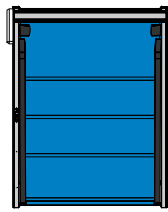
Ivory
RAL 1015



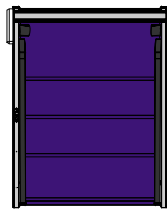
Dark Yellow
RAL 1003



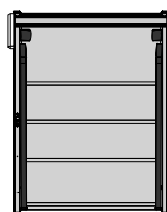
Dark Green
RAL 6026



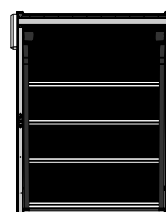
Blue
RAL 5015



Blue
RAL 5002

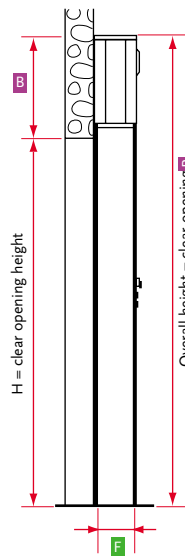
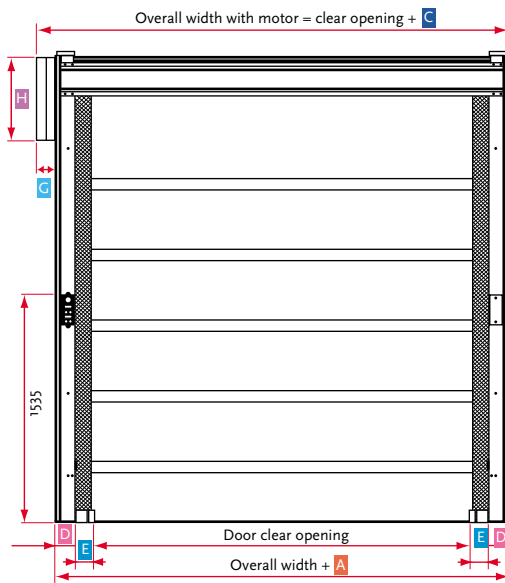


Light grey
RAL 7038

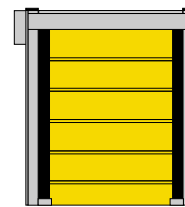


Black
RAL 9005

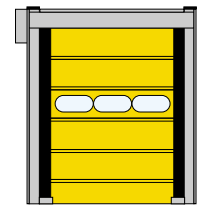
Clearance and space requirements



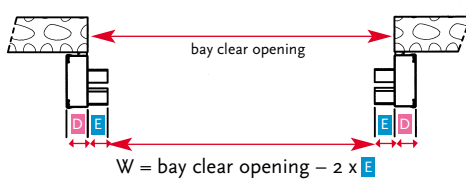
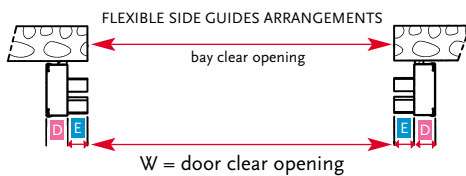
Visibility



Standard
curtain



One or more rows of
oblong windows



We recommend this arrangement
for break-away system in both directions.

CLEARANCE AND SPACE REQUIREMENTS MAXIMUM SIZE : 6000 x 6000

Door size	A	B	C	D	E	F	G	H
F20 <= 3500 mm	480	750	630	125	115	352	150	735
F20 > 3500 mm	570	750	720	125	160	352	150	735
F30 > 4500 mm	700	900	805	190	160	515	155	765