



H I G H S P E E D D O O R S C O M P A N Y





A B O U T U S

OCM srl welcomes you in the world of industrial doors, proposing a very large and interesting range of products and solutions. For more than 60 years the company has been serving all kind of demands and customers in Italy and all abroad. We're specialized in high speed vertical PVC doors, swing flex doors, partition walls, strip curtains and dock shelters equipments.

We've been focusing on our customer needs offering an extensive program of certified products under the EN-13421-1 quality assurance system, which means that all the technical and safety equipments of doors and barriers under pedestrian and vehicle traffic in commercial, industrial or residential areas are carried out under clear controls.

Moreover we do forward the best quality of opening commands and safety equipments. Safe on costs combined with better work conditions assure all our customers excellent investments for their future.

Our vision is to have the best quality-price ratio on market. We warmly suggest you to go through our pages and discover all about us and our doors. Don't hesitate to email or contact us for further details.



info





EUROPEAN STANDARD UNI EN 13241-1

The european standard EN 13241-1 has been established in may the 1st 2007, known as " standard for the industrial, commercial and garage, doors & gates" .

Companies that follow these procedures, do obtain from a notified body (the Ministry of Producing activities) a CE certification.

This standard covers the basic safety requirements for all types of doors, gates and road barriers, which may be installed in areas with a high pedestrian traffic. A secure access for goods and vehicles in industrial, commercial or residential areas is required and obtained through the EN standard.

A new functioning system has been developped in order to avoid or prevent dangers (thanks to sensitive devices and electronic controls).

Those systems are in accordance with the above mentioned standard and strictly related.

Inside the standard UNI EN 12445 the security of "power operated door" is described in the "basic safety requirements" applied to all doors, gates and barriers in order to prove their conformities. (well listed in UNI EN 12453).

Furthermore the development of forces produced from these doors are also entirely explained in the standard.

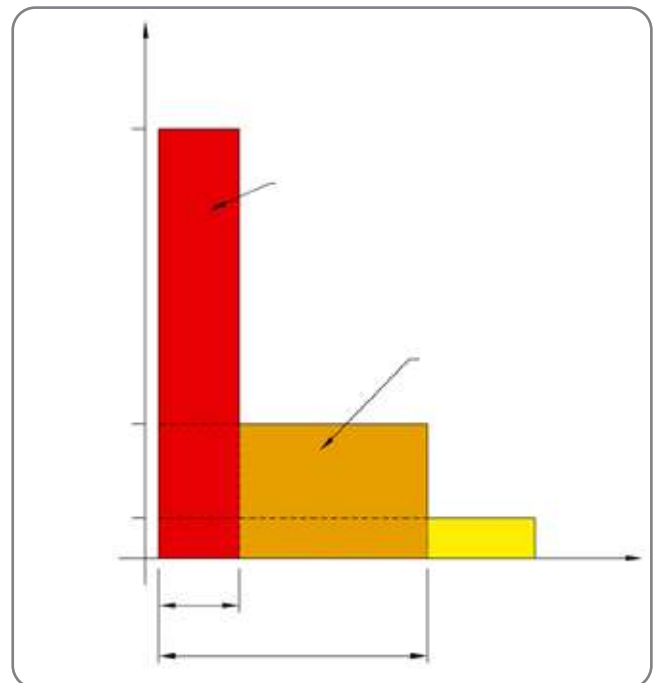
We have introduced in the lower panel of all our doors a sensitive device, named "safety edge" which has the skill of recognizing obstacles in the moving area and automatically changes or stops it's movement and impact on the obstacle.

All our doors have been going through a severe Initial Type Test carried out for the manufacturer by a notified body.

Our notified body is " ICIM s.p.a." located in Milan, identification number CE 0425.

Only after the positive evaluation of conformity (lenght of about 300.000 cycles) we've been able to obtain the CE marking.

With nearly 60 years of experience in the industrial doors' branch, OCM Recanzone srl is dealing each day with a constant improvement in products and systems in order to give customers the highest safety and reliability levels on market.





P ACK - A W A Y D O O R S - I M P A C - O

The Impac door is a high-speed door that opens and closes using a vertical pack-away operation, as with our other high-speed doors the IMPAC – O model is suitable for applications where high speed opening and closing times are required. This type of door is ideal for larger size openings and is designed for prolonged everyday use both internally and externally with minimal maintenance. The door operates at speeds >1 m/s, this model offers beneficial energy savings in both commercial and industrial applications. In addition it reduces noise and eliminates dust from nearby working areas. The advantages and improvements offered by the IMPAC-O door makes it the right choice and investment for many commercial and industrial applications.

Our company strives to achieve the optimum proposal for all high-speed door solutions. This is achieved through a strict quality environment and controlled manufacturing process.

Our bespoke solution ensures we are able to offer the optimum solution to everyday problems and in-turn can provide the IMPAC-O in range of applications including:

- Pack-away doors for small and medium size openings
- Pack-away doors for large and unusual size openings
- Wind resistant external rapid doors
- Internal & external crash-proof high-speed doors

As with all our other high-speed doors, in the event of a power failure the IMPAC-O door is supplied with a manual override facility. This ensures the door can be easily opened or closed in the event of power being severed from the door, this override facility minimises on the risk of any inconvenience in entering or leaving the affected area.





TECHNICAL SPECIFICATIONS:

UPPER FRAMEWORK in zinc-plated steel or, on request, in stainless steel INOX 304.

GUARD for motor and rolling shaft protection in zinc-plated steel or, in stainless steel INOX 304 as an optional.

GUIDES in zinc-plated steel or, upon request, in stainless steel INOX 304. They are equipped with nylon brushes.

All the structure of pack-away door is self-bearing. It can be painted with any RAL colour.

CURTAIN made in pvc coated polyester, 680 gr/sqm, flame retardency cl. 2. Another versions available: pvc coated polyester 900 gr/sqm, flame retardency cl. 2, or insulated type 4 mm thick. It is possible to manufacture curtain with many transparent sections, completely coloured one or personalized with our Customers' logo.

CROSS BARS either in zinc-plated steel or, in stainless steel INOX 304.

ROLLING SHAFT in zinc-plated steel or, in stainless steel INOX 304 requested.

LIFTING BELTS at high traction resistance.

SAFETY DEVICES to European regulations in force (photocells, safety edge, blinker).

OPENING DEVICES in case of power failure: handle on the motor unit or, at Customers' request, counter-weight system.

DRIVE UNIT installed directly on shaft consists of a self-breaking motorized reduction group IP54 with rotating limit switch IP55. Standard voltage: 3~ 400V /50Hz. Other voltages available on request.

ADVANTAGES:

- 1 - These doors can be an excellent return on investement
- 2 - They do offer the best four side seal in the business
- 3 - Designed specifically for Interior/Exterior Applications
- 4 - Be though, strong, but yet flexible and fast
- 5 - Spare Parts and Accessories available
- 6 - Reduce costly energy consumption.

APPLICATIONS:

The high-speed door application field is huge. Thanks to its flexibility, rapidity, reduced sizes, reliability and easy maintenance this door becomes really indispensable. Here are some examples of application:

- supermarkets
- food industries
- workshops
- cold rooms
- car dealers



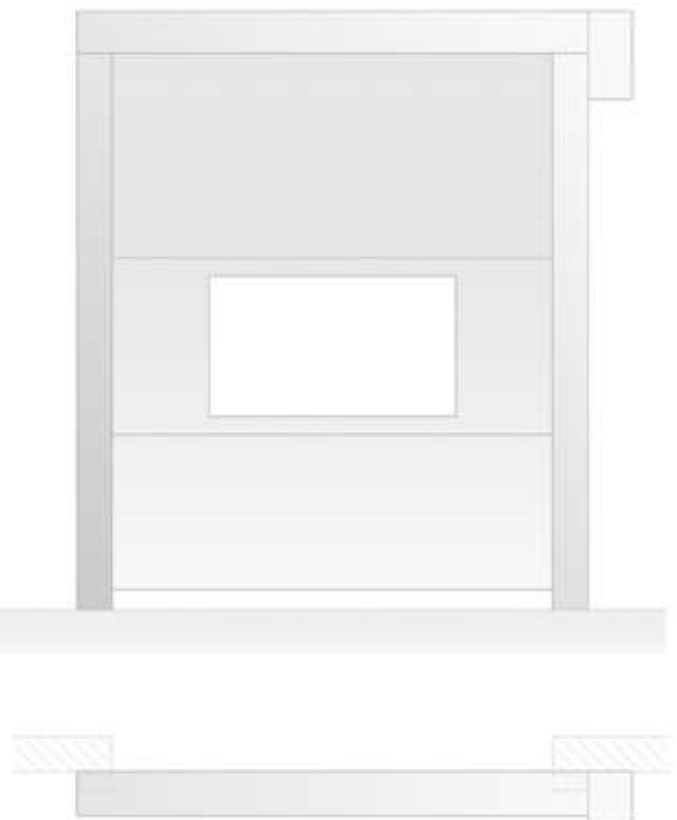
R O L L - U P D O O R S - R O L L - O

The Roll-O door is a high speed roll up door that opens and closes using a vertical roll-up operation, as with our other high-speed doors the Roll-O model is suitable for applications where high speed opening and closing times are required. This type of door is suited to both small and medium size openings and designed for use where heavy traffic is present. This type of door can be used in a range of applications including stand-alone or combination use and is ideally suited for internal applications where partitions are required between temperature controlled, dusty, noisy or similar areas.

For maximum safety, all Roll-O doors have a built in safety edge. Upon contact with an obstacle the door stops and reverses automatically to avoid the risk of injury or damage. All Roll-O doors are CE marked and comply with the appropriate safety regulations

The ROLL-O door is available with a variety of bespoke options and can be manufactured to include a crash-proof system, this system ensures that in the event of any impact by a vehicle, the door can easily be reset in a few seconds without any special tools or skills.

As with all our other high-speed doors, in the event of a power failure the ROLL-O door is supplied with a manual override facility. This ensures the door can be easily opened or closed in the event of power being severed from the door, this override facility minimises on the risk of any inconvenience in entering or leaving the affected area.





TECHNICAL SPECIFICATIONS:

UPPER FRAMEWORK in zinc-plated steel or, on request, in stainless steel INOX 304.

GUARD for motor and rolling shaft protection in zinc-plated steel or, in stainless steel INOX 304 as an optional.

GUIDES in zinc-plated steel or, upon request, in stainless steel INOX 304. They are equipped with nylon brushes.

All the structure of pack-away door is self-bearing. It can be painted with any RAL colour.

CURTAIN made in pvc coated polyester, 680 gr/sqm, flame retardency cl. 2. Another versions available: pvc coated polyester 900 gr/sqm, flame retardency cl. 2, or insulated type 4 mm thick. It is possible to manufacture curtain with many transparent sections, completely coloured one or personalized with our Customers' logo.

CROSS BARS either in zinc-plated steel or, in stainless steel INOX 304.

ROLLING SHAFT in zinc-plated steel or, in stainless steel INOX 304 requested.

SAFETY DEVICES to European regulations in force (photocells, safety edge, blinker).

OPENING DEVICES in case of power failure: handle on the motor unit or, at Customers' request, counter-weight system.

DRIVE UNIT installed directly on shaft consists of a self-breaking motorized reduction group IP54 with rotating limit switch IP55. Standard voltage: 3~ 400V /50Hz. Other voltages available on request.



ADVANTAGES:

- 1 - Reduce costly energy consumption
- 2 - They improve your workflow
- 3 - Have low maintenance costs
- 4 - Recommended for high traffic areas
- 5 - Roll up doors both large and small are working 24/7
- 6 - Where exceptional sealing is needed.

APPLICATIONS:

The high-speed door application field is huge. Thanks to its flexibility, rapidity, reduced sizes, reliability and easy maintenance this door becomes really indispensable. Here are some examples of application:

- supermarkets
- food industries
- workshops
- cold rooms
- car dealers



FLEXIBLE PANELS - SPECIFICATIONS

680gr curtain

Polyester covered by PVC
Weight: 680 gr/m²
Thickness: 0.6 mm
Fireproof: class 2

Transparent PVC curtain

Transparent pvc
Weight: 2500 gr/m²
Thickness: 2 mm

900gr curtain

Polyester covered by PVC
Weight: 900 gr/m²
Thickness: 0.75 mm
Fireproof: class 2

Insulated curtain

Polyester covered by PVC
Weight: 1200 gr/m²
Thickness: 4 mm

Transparent windows

Transparent PVC
Thickness: 0.7 - 1.0 mm



FLEXIBLE PANELS - COLOURS



Beige RAL 1015 - 700 gr/mq



Yellow RAL 1021 - 700 gr/mq
900 gr/mq



Orange RAL 2008 - 700 gr/mq
900gr/mq2004



Red RAL 3002 - 700 gr/mq
900 gr/mq



Blue RAL 5002 - 700 gr/mq
900 gr/mq
ISOLATED



Blue RAL 5012 - 700 gr/mq
900 gr/mq



Green RAL 6016 - 900 gr/mq



Green RAL 6026 - 700 gr/mq
ISOLATED



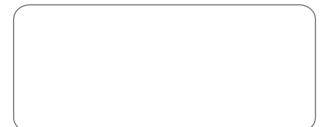
Gray RAL 7040 - 700 gr/mq
900 gr/mq
ISOLATED7038



Brown RAL 8017 - 700 gr/mq



Black RAL 9005 - 700 gr/mq
900 gr/mq



White RAL 9016 - 700 gr/mq
900 gr/mq
ISOLATED

C ONTROL PANELS AND SAFETY DEVICES



T500

Functioning	Electronic
Power supply	400 V 3~ 50/60Hz
Auxiliary supply	24 Vdc
Protection grade	IP55
Motor power	0.37-7.0 kW
Current consumption	1.2-15 A
Working temperature	-5 / +50 °C



T500 is a control panel based on an electronic board with a lot of functions that can be set using dip-switches.

Specific leds inform you about the state of the control panel and the state of devices.

A thermal relay protects motor against any failures.



T1000

Functioning	Electronic
Power supply	400 V 3~ 50/60Hz
Auxiliary supply	24 Vdc
Protection grade	IP55
Motor power	0.37-7.0 kW
Current consumption	1.2-15 A
Working temperature	-5 / +50 °C



T1000 is a control panel based on an industrial standard PLC (LOGO! Siemens) that control all door functions. The controller allows you to modify the functioning program, also with customized functions. A thermal relay protects motor against any failures.

S SAFETY EDGE

Functioning	Mechanical
Main contact	N.C.
Auxiliary contacts	2 x N.C.

The safety edge is a safety device placed in the flexible panel that stops movement if there's an object inside the movement area.



P PHOTOCELLS

Power supply	24 Vac
Protection grade	IP55
Working temperature	-10 / +60 °C

Photocells are a safety device but they can be also used as an opening device. Different versions available, for external or internal installation.



OPENING COMMANDS



METAL DETECTOR



RADIO



RADAR



PULL-SWITCH

OPENING COMMANDS



RADIO

A radio receiver is placed inside the control panel. One or more transmitters, with two or four channels, can be set to open a single door or different doors.
 Power supply:
 12-24 Vac / Vdc
 Power consumption:
 40 mA max
 Contact relay:
 0.5 A - 24 Vac / Vdc
 Reception frequency:
 433.92 MHz



RADAR

A microwave radar detects any movements and opens the door.
 It's possible to set the sensitivity of the radar, the direction of the movement to detect and many other functions.
 Power supply:
 12-24 Vac / Vdc
 Power consumption:
 50 mA max
 Contact relay:
 1 A - 24 Vac / Vdc
 Protection degree:
 IP66



METAL-DETECTOR

One or two loops placed inside the floor are connected to a metal detector that detects any metallic object then opens the door. It's possible to set many different functions.
 Power supply:
 24 Vac / Vdc
 Power consumption:
 40 mA max
 Contact relay:
 0.5 A - 24 Vac / Vdc
 Loop input: 1



PHOTOCELLS

Safety photocells can also be used like an opening command. A photocell placed at a certain distance from the door make the door opening when excited.
 Power supply:
 12-24 Vac / Vdc
 Power consumption:
 80 mA max
 Contact relay:
 1 A - 24 Vac / Vdc
 Protection degree:
 IP55



PUSH-BUTTON

A simple button to press placed near the door.
 Where pedestrian traffic is high it's very useful to install a push-button for pedestrian opening that doesn't open the door completely but only half-way.



PULL-SWITCH

A long arm is placed inside the door. At the end of the arm there's a micro-switch with a cord descending towards the floor. Door opening is commanded by pulling the cord.



WIND METER

A sensor measures the wind intensity and if necessary opens the door to preserve flexible panel. It should be useful for wide doors exposed to wind.



TRAFFIC LIGHTS

A set of two lights (green and red) regulates the traffic through the door. Green light turns on only when the door is completely opened. Other configurations are possible.



FLEXIBLE CRASH DOORS - FLAP-O

Flexible swing doors are suitable for doorways subject to high pedestrian and vehicle traffic. In addition to providing a reliable and robust entrance and exit solution, our flexible swing doors also provide excellent protection against noise and heat loss. Our flexible swing doors can be used in a variety of applications including:

- industrial units and factories;
- warehouses;
- supermarkets and food preparation areas;
- cold stores;
- clean rooms;
- hospitals.

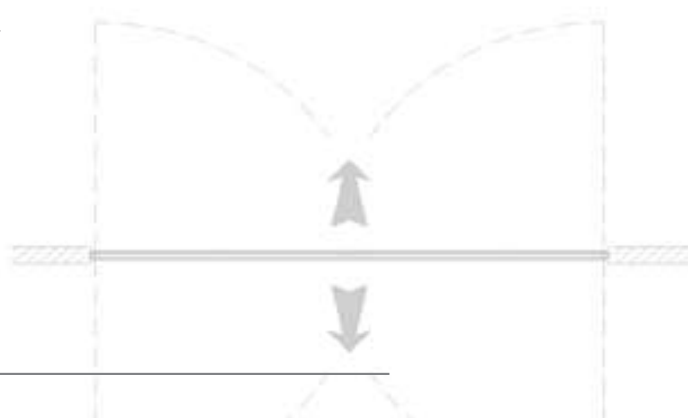
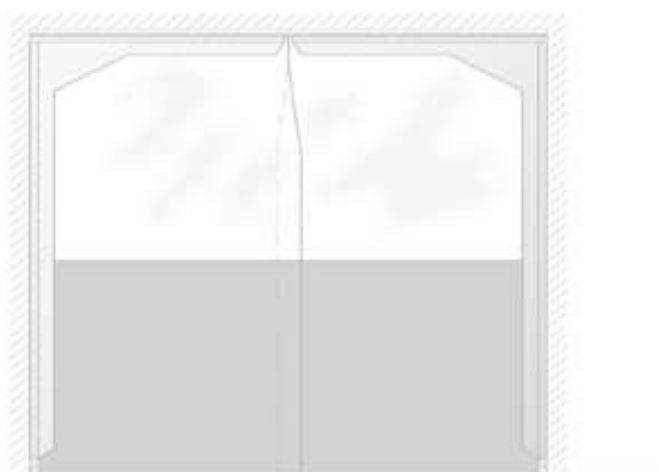
Our swing doors include a reliable vertical spring mechanism concealed inside each door tube, this ensures a smooth opening and closing action making entry effortless.

In addition our swing doors can also be operated automatically by using a number of opening devices including: push buttons, pull switches, remote control, PIR radar and induction loops. If required our swing doors can be also opened pneumatically. The door leaves can be:

- completely transparent;
- transparent on the upper section;
- transparent on the middle and upper section;
- on pvc;

The coloured section can be:

- PVC 5-6 mm thick
- rubber 8 mm thick



TECHNICAL SPECIFICATIONS:

Flexible swing doors are composed by:

UPPER SECTION: completely transparent PVC 5-6 mm thick;

LOWER SECTION: coloured (yellow, black or grey) PVC 5-6 mm thick welded to a clear upper section;

FRAMEWORK: manufactured in either painted or stainless steel.

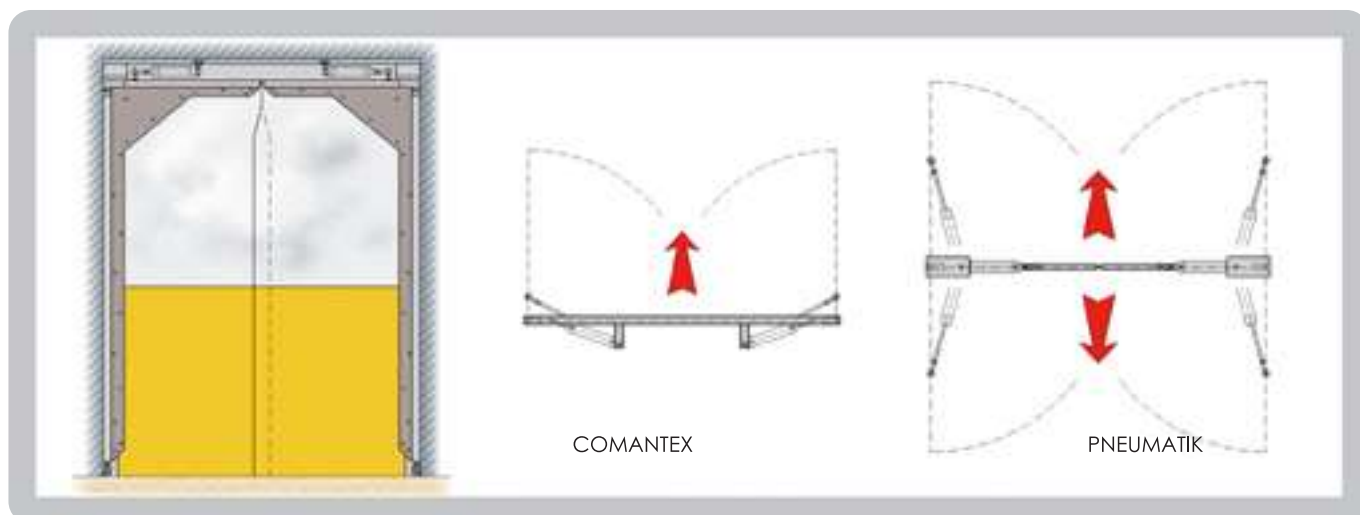


PNEUMATIC DOORS

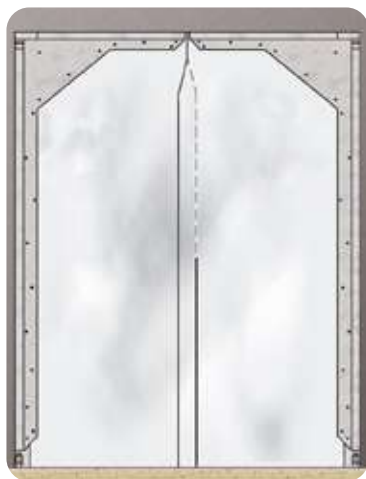
There are furthermore two pneumatic models:

COMANTEX: Opening is fully automatic, operated by pneumatic cylinders placed on the door. The opening command is an electrical impulsion done by push-buttons, microwave radar, metal-detector or any other electrical device. With this system the opening can be done in only one way.

PNEUMATIK: Opening and closing are pneumatic operated, activated by pressing the leaf. Like other doors, the opening is possible in both ways. It's thoughtless if there are depressions between the two sides of the door.

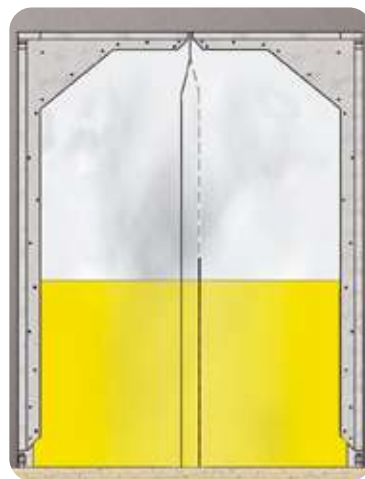


T ECHNICAL SPECIFICATIONS:



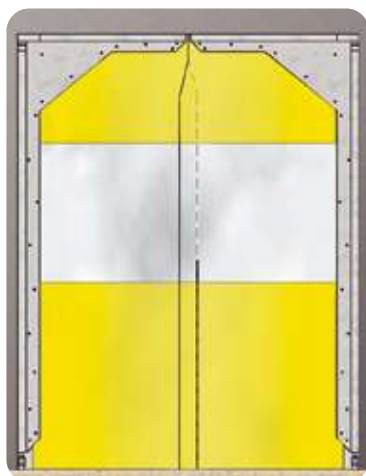
- Completely transparent PVC 5-6 mm thick.
- Framework manufactured in either painted or stainless steel

SOLOFLEX



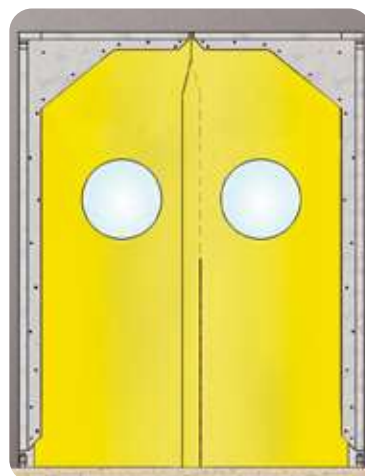
- Upper section: completely transparent PVC 5-6 mm thick
- Lower section: coloured (yellow, black or grey) PVC 5-6 mm thick welded to a clear upper section
- Framework manufactured in either painted or stainless steel

METACOL



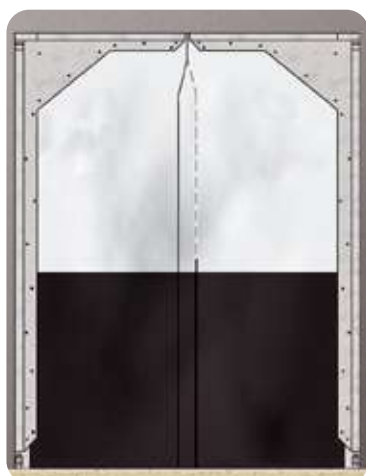
- Upper section: coloured (yellow, black or grey) PVC 5-6 mm thick
- Middle section: completely transparent PVC 5-6 mm thick
- Lower section: coloured (yellow, black or grey) PVC 5-6 mm thick
- Framework manufactured in either painted or stainless steel

PLASTICOL



- Flexible swing: coloured (yellow, black or grey) PVC 5-6 mm thick
- Round porthole: Completely transparent PVC 5-6 mm thick
- Framework manufactured in either painted or stainless steel

FLEX-OBLO



- Ideal for industrial units and heavy traffic
- Upper section: transparent PVC 5-6 mm thick
- Lower section: ribbed rubber 8 mm thick stuck to a clear upper section
- Framework manufactured in either painted or stainless steel

METALGOMMA



- Upper section: ribbed rubber 8 mm thick
- Middle section: transparent PVC 5-6 mm thick
- Lower section: ribbed rubber 8 mm thick
- Framework manufactured in either painted or stainless steel.

PLASTIGOMMA





POLYETHYLENE DOORS

Those kind of doors are mostly used in supermarkets, pharmaceuticals, hospitals or in the nourishing industry. Working places where the hygienic and sanitary rules must be strictly observed.

These doors are the best solution for places with heavy vehicular and pedestrian traffic.

Composed of a stainless steel structure (with a special shell anti-deforming system) and polyethylene leaves, can be also provided with a series of transparent and unprojecting portholes.

The opening is possible in either directions and leaves closed themselves when released, thanks to a twisting spring system.



APPLICATIONS:

- .Food processing factories
- .Clean Rooms; aseptic rooms
- .Ideal for abattoirs and kitchens

ADVANTAGES:

- .Installed where a high degree of hygiene is required
- .Are built for a long and trouble-free life
- .Better environmental control



S TRIP DOORS - STRISCIOFLEX

With over 60 years of total door industry experience, our pvc strip curtains are the simplest solution to install and maintain.

Our experienced advisers will suggest you the correct selection in order to add great value to your applications, as:

- Clean Rooms
- Freezer Rooms
- Factory Loading Docks
- Fume Bays
- Providing Rooms
- Sauna Rooms
- Transport Industry
- Laboratories
- Cool Rooms
- Machine Enclosures

The most commonly used strips are: 200x2mm; 300x3mm; 400x3mm and 400x4mm. It also depends on the type and frequency of the traffic.

For the external applications we do suggest 4 mm strips which are better than 3mm; for the internal use 2 or 3 mm do generally work better.

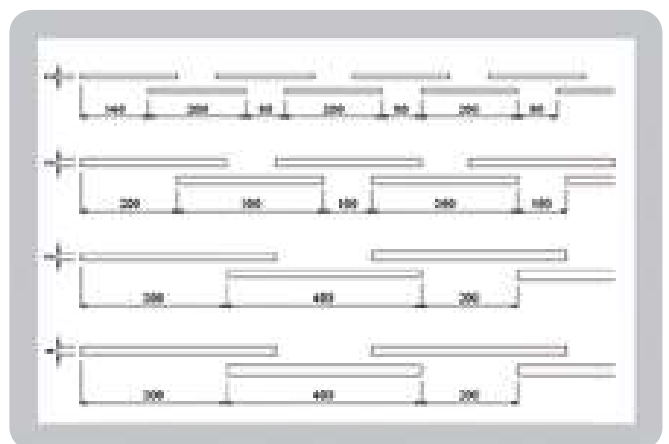
For instance, bigger is the overlap and better is the sealing.

Customers will also find PVC strips for normal temperatures; low temperatures; anti-static (which prevent static builds up and discharges); UV and also tear-abrasion resistant. Those are just some of the advantages or benefits you'll get if you choose to buy a Strip door: you'll have a great reduction of heat and cold air loss, a good isolation against noise, restricts dust, dirt, smoke, fumes and draughts and increases employees

comfort by keeping temperatures under control. Moreover, birds or flying insects are kept outside the working areas.

The transparency of the material provides an excellent visibility and the top quality features a long service life in heavy duty. The strips can be cleaned with just soap and water or replaced independently if required. No special installation instructions are needed.

PVC strips are also available in different colours.



APPLICATIONS



I SOTHERMAL DOORS - DOCK SHELTERS

Our team can offer you a good solution in order to keep wind or rain outside and improve your employees comfort while working. Dock shelters are the ideal isolating structure you can use between your building and the various types and sizes of trucks. Moreover, you can buy dock shelters in combination with one of our doors, it will contribute to save energy costs too. Those closures also

reduce or avoid pilferage problems during the loading and unloading of merchandise.

The inside structure is made of steel with a pantograph functioning, while the lateral parts are made of Polyester covered with black PVC and the frontal parts of black gum with an interior reinforcement.



A PPLICATIONS :

- . Cold storage facilities
- . Logistic stores
- . Industrial buildings

A DVANTAGES :

- . Maintain temperatures inside the building
- . Better loading conditions
- . Provide safety at the dock



PARTITION WALLS - TREVITEX-O

Partition walls are the proper solution to divide warehouses, cut off noisy or dusty machineries and to create sheltered work areas.

Partition walls can be fixed or sliding. They are made of PVC - coated polyester, that is mechanically resistant and fireproof in class CI 2. Furthermore this material is washable.

A wide range of colours is available, with or without transparent sections.

They are very easy and quick to install also without technicians.

Partition walls are made following our customers' measures.



A APPLICATIONS:

- . Textile Industries
- . Logistics & transportations
- . Chemical companies

A ADVANTAGES:

- . Improves sound insulation within a building
- . Better loading inside your sheds
- . Save energy costs and cut off noisy or dusty machineries



BARRIERS

The access barriers guarantee the access control where there's a heavy traffic.

They are a good solution for shopping centres, parking, highway exits or private entrances.

Easy to use, versatile, silent and compact they guarantee a good reliability for long time because of high quality of components and precision of the movements.

Structure is made of tubular frames welded fixed on the floor with screws or with a base to wall up.

Cover panels: aluminium red painted

Electrical motor: 220 Vac 50/60 Hz 1~

Manual opening: with handle

Bar counterweight: helicoidally springs with adjustable supports

Bar: rectangular aluminium with red stripes

Electrical device: control panel installed inside the structure with motor power electronic regulator



APPLICATIONS:

- . Traffic Control Around Work Zones and Road Closures
- . Car Parking places
- . Residential and industrial use

ADVANTAGES:

- . More effective and safer than drums, cones or other barricades
- . May save the cost of a traffic control person in some cases
- . Effective in all weather conditions



O C E

