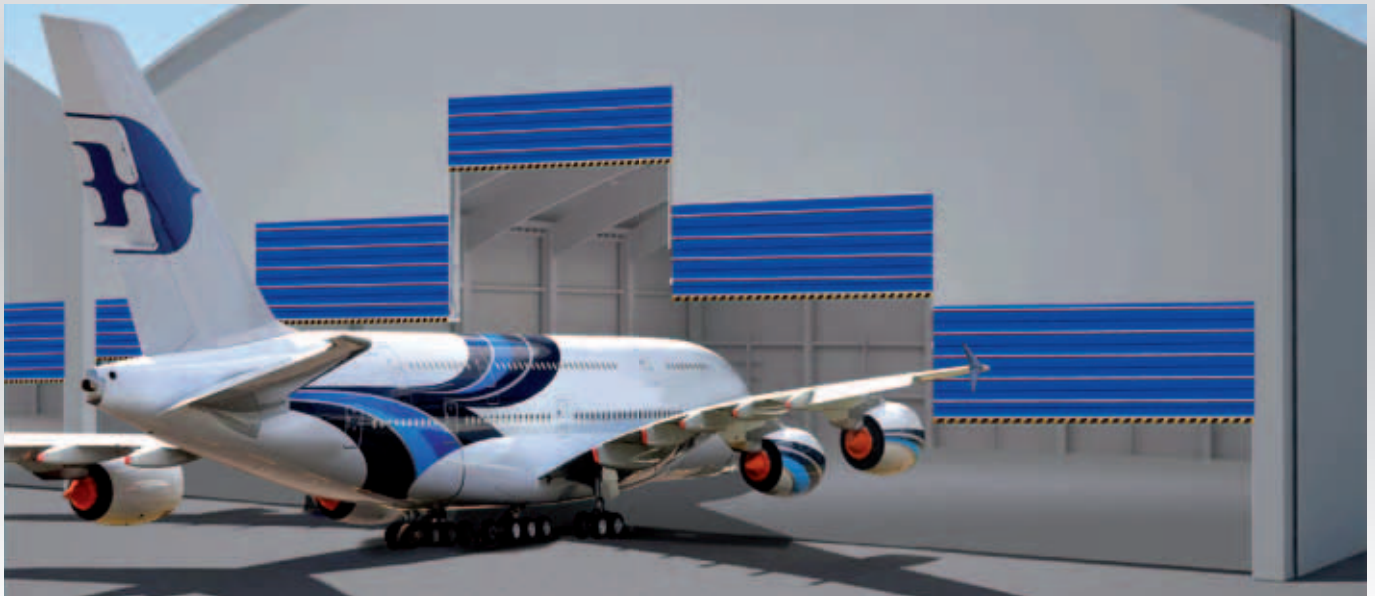




GRAND PASS **Doors**



Model GRAND-PASS®



Grand Pass® for hangars.

Fast doors designed for large openings and high wind pressures.

The mobile curtain is made up of a series of panels made up of a double canvas wall made from plasticised trevira.

The canvas specifications may vary depending on the application with different thicknesses or reinforced with a vandal-proof steel cable fabric.

This is fitted, sideways, with reinforcements made with extruded aluminium structural tube. Varying the layout and quantity of these elements may increase resistance to wind.

Polyester straps pull the aluminium tubes upwards, so that the whole curtain is folded on the upper platform, which houses the motors, shafts, pulleys and pull-up mechanisms.

The vertical guides are manufactured from galvanised steel plate and are fitted with a series of internal reinforcements to withstand the stresses from the wind, calculated according to customer requirements.

For wider spaces, groups of individual doors can be used; the central guides are

dismountable or retractable, and once a group of doors have opened, the guides retract, manually or automatically, giving maximum width of passage.

Once the large vehicle has entered the warehouse, the guides are returned to the correct positions and the doors operate individually.

Given the complex nature of these types of doors, the specifications required for this application are determined in a technical study.

Performance of the air

Wind resistance as per 12424: up to Class 4.

Applications

- Aeronautics industry
- Naval industry
- Removable hangars
- Gantry cranes
- Steel industry
- Waste treatment plants
- Grain silos
- Large dimension painting cabins



HIGH SPEED DOORS

INSTANT
PASS

**GRAND
PASS**

INSTANT
ROLL

HERMETIC
ROLL

INSTANT
PROTECT

EASY ROLL

MIRFLEX

GENERAL
SPECIFICATIONS &
APPLICATIONS

OPENING
SIDE
DOORS



Grand Pass® in a waste treatment plant.



Grand Pass® in a shipyard.



Grand Pass® silo/tank manufacturing company.

Canvas specifications and options



Reinforcement bars with rubber caps for reducing wear and tear and noise. For stackable models.



Belt guides and locking clamps made from polyamide to avoid wear and tear and noise. For stackable models.



Resistant bars, light and flexible for absorbing impacts. For stackable models.



Black and yellow skirting detail and red safety strip. For stackable models.



High speed door with outside view screen printed with landscapes or photographs.



Double canvas with insulation. Useful for reducing noise and thermal insulation.



Canvas door printed with text.



Canvas door printed with logos.

The base material is a plastic canvas that is highly resistant to wear and tear and discolouring. A tinted PVC compound is applied to a polyester fabric, producing a canvas that is extremely resistant to breaking and tearing.

The sheaths that support the reinforcements suitable for each type of door and which provide the rigidity and resistance required to support the air currents the sheet will be subject to are welded transversally to the inside part.

Transparent, PVC, 1 mm thickness viewing windows can optionally be installed. This material is resistant to solar radiation, thanks to an integrated UV filter. The weldings that join the canvas are also made with adapted moulds and by high frequency. **These specifications are common to the different high speed door models.**

Canvas specifications

1100 Dtex.

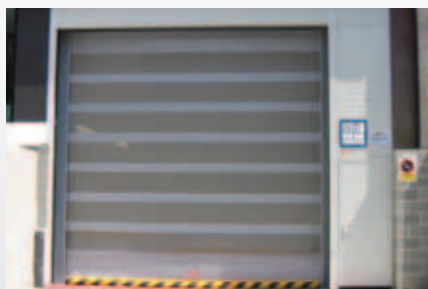
900 g/m².

420/380 daN/5 cm DIN 53354.

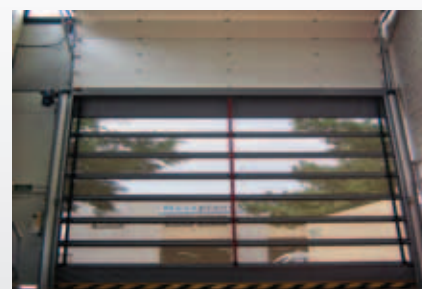
70/55 daN 7% ISO 4674.

Both sides.

Glass quality transparent PVC.



High speed door with perforated canvas (outside view).



High speed door with perforated canvas (inside view). To control the entry of people, animals, etc.



A combination of colours on one door.

HIGH SPEED DOORS

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Opening systems



1. Photocell or barrier



2. Handle



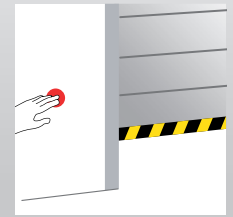
3. Radar



4. Remote control



5. Magnetic detector



6. Push button

Canvas models and colours (colours RAL approximate)

STANDARD CANVAS FOR SPEED DOOR

Polyester fabric 1100 dtex coated with PVC and lacquered on both sides.

Roll-up doors (950 gr.)

M2

RAL 1003		Signal yellow
RAL 3002		Carmin red
RAL 5005		Signal blue
RAL 6026		Opal green
RAL 7016		Anthracite grey
RAL 7040		Window grey
RAL 9003		Signal white

M3

RAL 1014		Ivory
RAL 2002		Vermilion
RAL 2004		Pure orange
RAL 8016		Mahogany brown
RAL 9005		Jet black
RAL 9006		Grey aluminium

Fold up doors. FLEXTEx canvas 1000-FR (extremely flexible)

M2

RAL 1003		Signal yellow
RAL 3002		Carmin red
RAL 5005		Signal blue
RAL 7040		Window grey
RAL 9003		Signal white

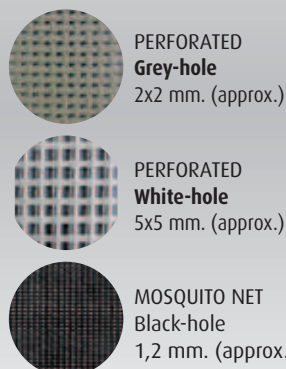
SPECIAL CANVAS FOR HERMETIC ROLL AND INSTANT PROTECT DOORS

Polyester fabric of double layer with PVC and lacquered on both sides. With rotation direction and lateral stiffness. Approved by the FDA to be in contact with food items. Thickness: 2mm.

Blue	
Red	
Orange	
Yellow	
Grey	

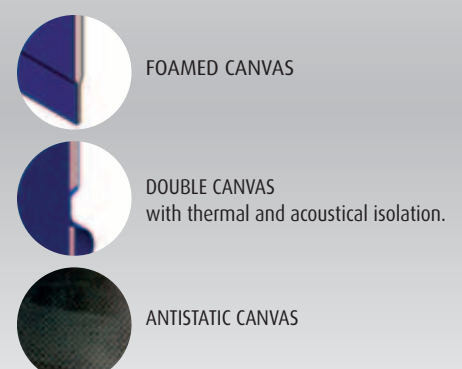
PERFORATED CANVAS

Polyester fabric 1100 dtex coated with PVC. Available two options:



ISOLATION CANVAS

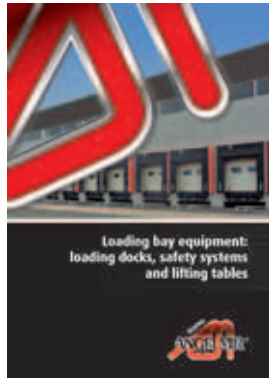
Polyester fabric 1100 dtex coated with PVC. Available two options:



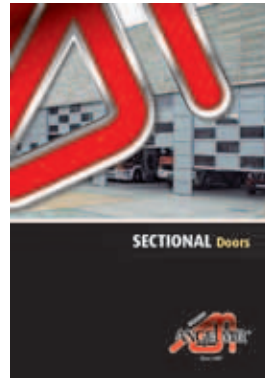
For further information, please consult our detailed product catalogues:



General Catalogue
Industrial doors and loading bay equipment



Loading bay equipment:
loading docks, safety systems and lifting tables



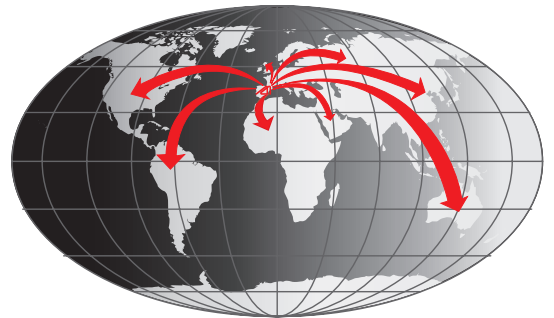
Sectional Doors



Speed Doors

Industrial doors and loading bay equipment

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