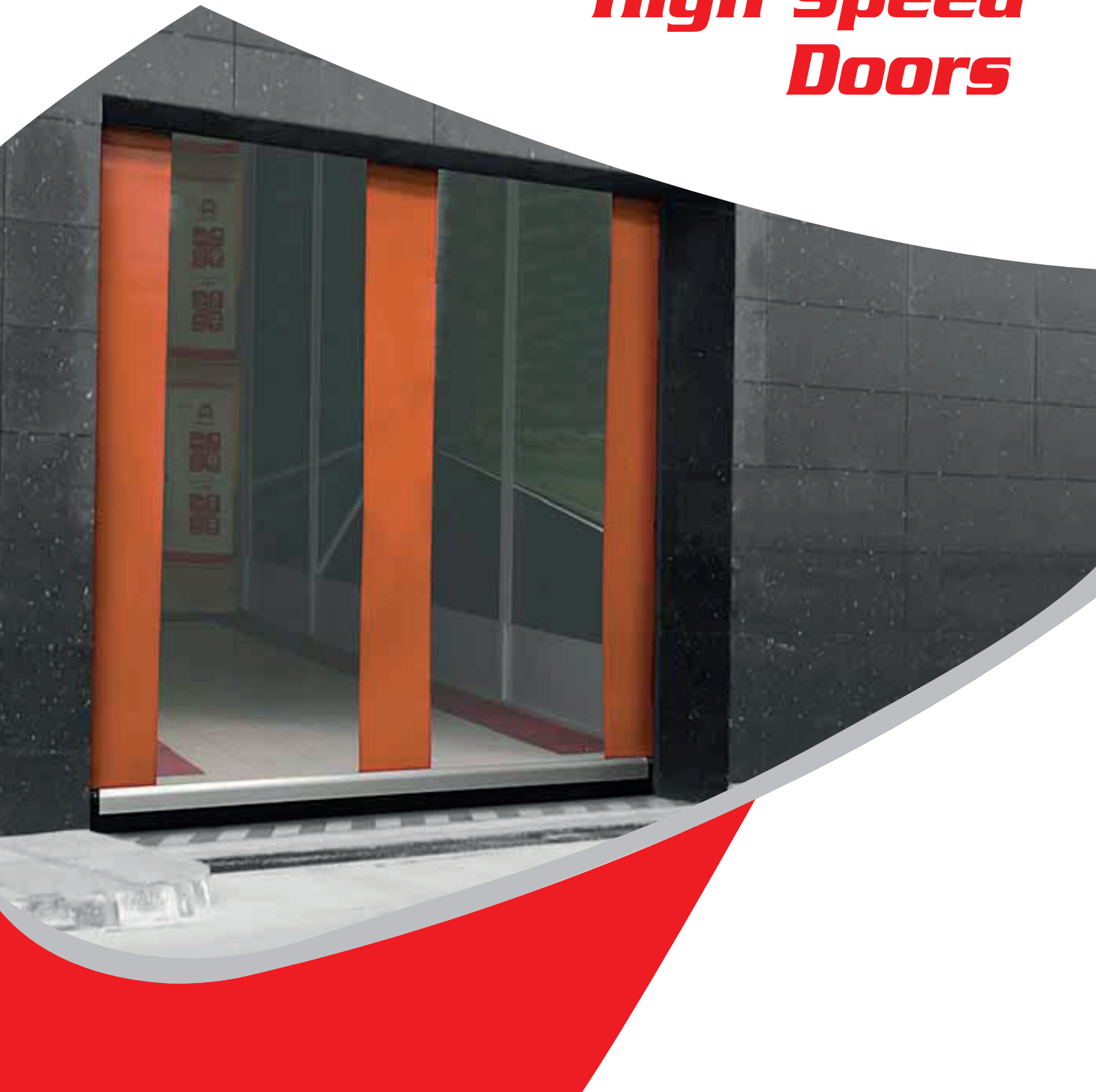


**EXCEPTIONAL
HYGIENE**

***High Speed
Doors***



WHY SHOULD YOU USE A HIGH-SPEED DOOR?

A lot of companies think that a traditional roller door (either manual or automatic) appears to be the only solution for a lot of facilities and does not realise the benefit of having a high-speed doorway system. Here, we enumerate the benefits of using a high-speed door.

Doors are primarily considered in building design because they play a significant role in the segregation of production areas and environments while presenting a barrier to contamination such as dirt, insects, and other pests and vermin. Doorways are the biggest opening into any facility and so therefore are the most common cause for the mixing of outside and inside environments. Thus, it is essential to maximise speed and security, minimise impact damage and control atmospheric conditions in a large variety of access ways. These goals can be achieved by installing high speed doors.

What is a high-speed door? High speed doors are door systems mainly used in industrial applications. Its durable construction provides a higher operating speed and can sustain a higher number of opening and closing cycles while requiring lower maintenance and repair cost. Horizontal and vertical opening door types are available depending on the application.

Why is it necessary to install high speed doors in your facility? There are many reasons why you should use a high-speed door. Here are some good insights:

Speed— traditional roller shutter, sectional doors move slowly while high speed doors can fully open in as fast as 2 m/s which means minimised cycle time, thus decreasing energy costs and minimising the chance of forklift impact, improving productivity no end.

Safety — Manual doors can hurt people's back when lifting them or pulling chains and Automatic Doors are so slow which can easily get damaged when a person is impatient and can get hit by a forklift while high speed doors prevent the door from closing when obstructed, and a wireless reversing bottom edge reverses door when coming in contact with anything. Window panels can be added to enhance visibility when closed or opening, both maximising safety to prevent personnel harm and vehicle damage.

Efficiency and productivity— instead of hopping off the forklift to open a door, the high-speed doors has remote controls installed in the forklift increasing productivity and spending less time opening and closing doorways and increasing the time doing their tasks.

Hygiene — high speed doors can be specifically designed to have air locks that creates a neutral air pocket where external air is not able to pass through. High speed fabric hygiene doors have every component engineered specifically for harsh wash-down applications. Non-contact radial technology eliminates transfer of contaminants from one side of the curtain to the other. Full surround seals prevent dust, insect and contaminant intrusion.

Temperature control— Short cycle times keep the door closed as much as possible, creating an effective barrier for wind and temperature between two different environments. High speed insulated freezer doors like Lucid 1140 have the tightest and most reliable seal, the largest variety of track configurations, and a true knock-out and auto re-feed feature. Energy savings can be guaranteed with the Lucid's robust insulated curtain, which eliminates ice build-up in your freezer, reducing defrost cycles and saving on clean-up labour costs.

It is important to ensure that the type of doors we use in our facilities maintains the correct temperature inside, have a good control over cleanliness and supports in the safety and efficiency of the operations. These are all essential to reduce your energy losses, decrease maintenance costs and improve the overall status of the working environment.



Unlimited width sizes

High speed Luciddoors can be provided in nearly all dimensions with mullions, we can reach unlimited width sizes. Height also limited with your needs.



clear pvc with
vertical
coloured
strips

A120
B120
E140
F140



pvc fabric with
springsteel
wind bars

A120
B120
E140
C120
F140



modular
curtain

A180




insulated
curtain

I140




2 mm monofilament pvc

M140




Special windrollers will keep the door in a good shape under heavy windload conditions.

Spring steel wind locks in the curtain pockets ensure particularly quiet door travel.



For extreme windload conditions, you can use spring steel windrollers.

Spring steel wind locks provide maximum stability and ensure particularly quiet door travel.

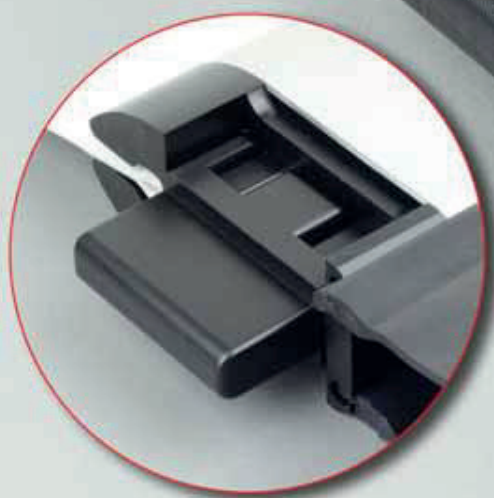


Modular Windbars to change only damaged curtain easily for model A 180

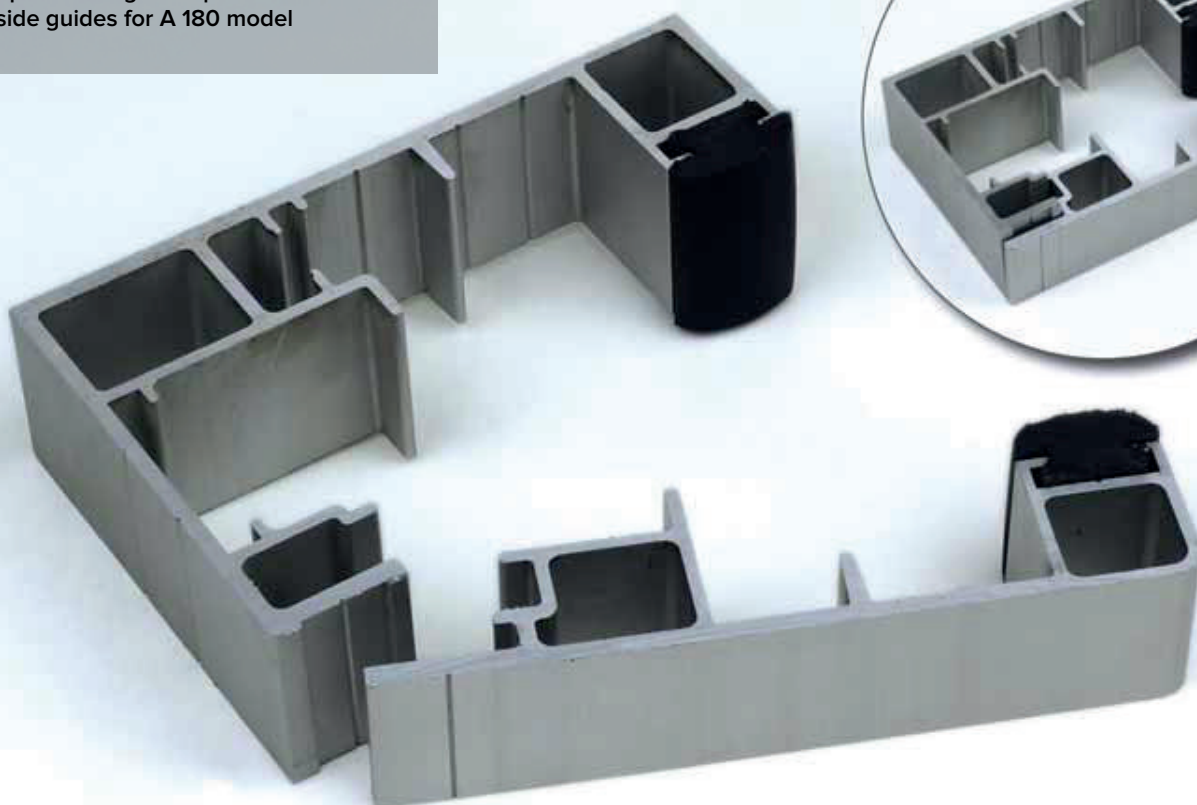


ACS-Anticrash safety system will protect your door after you crash the door.

If the bottom profile is pushed out of the side guides by a crash, the radio crash switch transmits a signal to the control and the door is stopped immediately, fulfilling the requirements of EN 13241-1.



Special design two pieces aluminium side guides for A 180 model



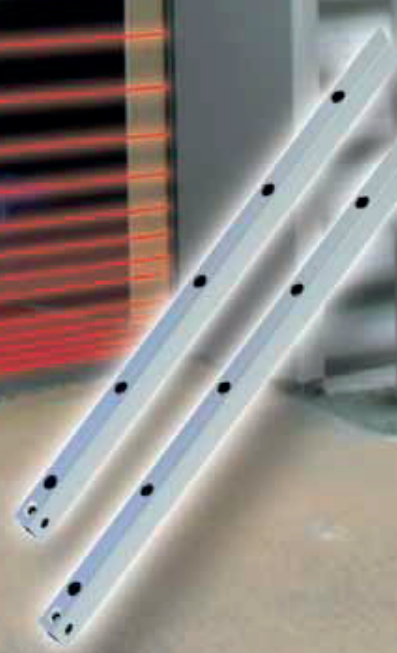
We design
each door to
fulfill specific
customer
requirements
and calculate
the wind load
for the request.



B120



Safety light grids integrated into the side assemblies monitor the closing zone of the door leaf up to a height of 2500 mm. With safety light grids, safety requirements in accordance with EN 13241-1 are complied with. This does away with the need for additional installations on the door (e.g. closing edge safety device, photocell).





SAFETY

High performance door has ACS anticrash safety system. Optional soft bottom edge door is flexible. Wireless sensor is included in the bottom profile.

Our goal

- To reduce building structure cost.
- To help energy savings.
- To create safety environments.
- To minimize maintenance costs.



E140 is designed for internal applications.

Door has galvanized side guides.

E140 has two different types of curtains which are full curtain and strip model.

The strip model is made of 2 mm clear pvc with colored reinforcement stripes.

The balance system for the opening and closing of the door is counterweight.

In case of a power failure, easy emergency opening is possible by releasing the brake.

Special windrollers will keep the door in a good condition.



SR140 Self Reset Doors

High-speed roll-up doors of the SR series are door systems designed for highly frequented industrial or commercial continuous use indoors.

The clever modular construction is largely low maintenance. It is robust, space-saving and provides the highest level of reliability to seamlessly master extreme challenges in Bail operation.

A wide range of design options are available i the usual high quality for intensive use. The construction, with flexible curtains, ensur extremely high opening and closing speeds, a is a very economical and good-value solution.

SR140 door curtain features a self-repairing function. In case of a collision, the curtain get detached from the side guide and can reset itself with n service requirements.





All our doors CE marked
and comply with currently
valid standards.

Fold up pvc doors



F140 has been specially designed for the food processing industry.

Side guides design give a chance for easy to dean.

High-pressure cleaning machines and water are not a problem for the door construction, which is made of stainless steel.

F140 has counterweight for manual release.




QUALITY




Fabric		100% PES 1100 dtex	
Weight		900 g/m ²	DIN EN ISO 2286-2
Lacquering		1/1	
Embossing		Glossy	
Breaking strength	Warp	4000 N/5cm	EN ISO 1421-1
	Weft	4000 N/5cm	
Tear strength	Warp	600 N	DIN 53 363
	Weft	500 N	
Adhesion		100 N/5cm	EN ISO 2411
Temperature resistance		-30/+70°C	DIN EN 1876-2
Light fastness	(except white and (half-) transparent)	7-8	ISO 105 B02
Fire behavior		<100 mm/min	ISO 3795

LUCIDFLEX 2500	PVC	2500 g/m ²	4000/4000 N/5 cm	2 mm	1 layer
LUCIDFLEX 3800	PVC	3800 g/m ²	4000/4000 N/5 cm	3 mm	1 layer
LUCIDFLEX 3700	PVC	3700 g/m ²	7800/5600 N/5 cm	3 mm	2 layers



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