



***Inkema***

# High-speed Doors.

The Most Versatile Range For All Industrial Environments.



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# High-speed Doors.

## What are they?

They are an essential element for sectorization in areas with continuous and intense traffic, ensuring optimal insulation at all times.

## Where to install?

Our rolling and/or folding High-speed Doors have been designed for use in warehouses, logistics centers, commercial spaces, and any type of production facility with intensive goods flow.

## Complete range:

Not all High-speed Doors are the same.

Explore the unique features of our Folding High-speed Doors, Rolling High-speed Doors, and Self-Repairable Doors, are designed to adapt to your space and enhance logistic efficiency.

- **Rolling**
- **Rolling Self-Repairable**
- **Folding**
- **Cold Storage High-speed Doors**
- **With Low Permeability**
- **Fire Safety Solutions**

All Inkema High-speed Doors are manufactured in Europe and comply with European legislation and standards **UNE-EN 12453** and **UNE-EN 13241**.

# Classifications.

Inkema specialises in creating bespoke solutions for industrial and commercial sectors with specific needs.

In the tables detailed below, comprehensive guidance is provided on which models from our catalogue might be suitable for specific industrial activities, taking into account the particular environmental conditions in which they operate. Additionally, the remarkable wind resistance offered by our rapid door models is highlighted, ensuring not only optimal performance but also safety and durability.

## Applications by Industrial Sector.

	PR10	PR65	PR18	PR60	PR13	PR17	PR63	PR15	PR15 GD	PR64	PR31	PR32	PR20	PR21	FireProtect Duo
Food Industry.	●	●	●	●	●	●	●				●	●			
Hospitality.	●	●	●			●									
Chemical and Pharmaceutical.			●	●	●	●	●				●	●	●	●	●
Logistics.	●	●		●	●		●	●	●	●					
Food Distribution.		●	●	●		●	●				●	●	●	●	
Manufacturing Industry.	●	●		●	●			●	●	●				●	

## Operating Temperature Ranges.

	PR10	PR65	PR18	PR60	PR13	PR17	PR63	PR15	PR15 GD	PR64	PR31	PR32	PR20	PR21	FireProtect Duo
Range from +40° to 0°	●				●	●		●	●	●					●
Range from +30° to -5°		●	●	●			●						●	●	
Range from +5° to -20°											●				
Range from +10° to -25° (freezing)												●			

## Wind Resistance.

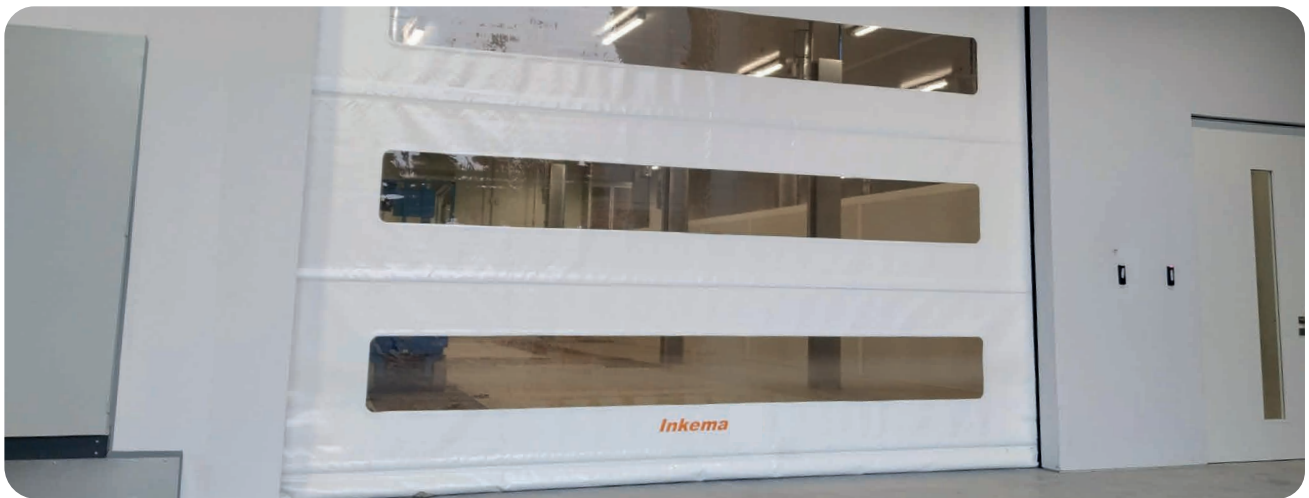
	PR10	PR65	PR18	PR60	PR13	PR17	PR63	PR15	PR15 GD	PR64	PR31	PR32	PR20	PR21	FireProtect Duo
Class 1		●		●							●			● <sup>(3)</sup>	●
Class 2					●		●	●				●	● <sup>(2)</sup>	● <sup>(3)(2)</sup>	●
Class 3					●	●		● <sup>(1)(2)</sup>					● <sup>(2)</sup>	● <sup>(3)(2)</sup>	●
Class 4										●			● <sup>(2)</sup>	● <sup>(3)(2)</sup>	●

(1) Optional (2) According to dimension (3) According to model

PR10

# Rolling High-speed Door

with Metallic Frame.



## Technical Description.

**Inkema's PR10 Rolling High-speed Door** is composed of a PVC canvas with internal reinforcements and is attached to a **metal frame** that incorporates a gearmotor operated by a control panel.

It has been designed for use in warehouses, logistics centres, commercial premises and any type of production plant where there is an intensive flow of goods.

This High-speed Door is specially conceived for intensive indoor applications. It facilitates smooth traffic thanks to its high opening and closing speed, resulting in **energy savings** and **increased work performance**.

## Technical Features.

- **Application:** Indoor
- **Max. Size:** 4000 × 4000mm (height x width)
- **Material (structure):** 2mm steel
- **Max. Speed:** Opening: (~1,0m/s)  
Closing: (~1,0m/s)
- **Colours (canvas-frame):** 10 colours available (white, cream, yellow, orange, red, light blue, dark blue, green, grey and black)
- **Canvas Material:** High strength PVC (900g/m<sup>2</sup>)
- **Safety:** Light Curtain Soft, Flexible lower edge
- **Life Cycle:** 250,000 cycles

## Additional Features.

Features.	<input type="radio"/>	<input type="radio"/>
Light curtain	<input checked="" type="radio"/>	<input type="radio"/>
Frequency inverter	<input type="radio"/>	<input checked="" type="radio"/>
Uninterruptible Power Supply (UPS)	<input type="radio"/>	<input checked="" type="radio"/>
Extra safety photocell.	<input type="radio"/>	<input checked="" type="radio"/>
Motor cover	<input type="radio"/>	<input checked="" type="radio"/>
A row of small windows	<input checked="" type="radio"/>	<input type="radio"/>
Second row of small windows	<input type="radio"/>	<input checked="" type="radio"/>
Additional push button panel	<input type="radio"/>	<input checked="" type="radio"/>
Intermediate Stop	<input type="radio"/>	<input checked="" type="radio"/>
Extra opening options	<input type="radio"/>	<input checked="" type="radio"/>

● Standard Feature ○ Optional Feature \*For other options, consult Customer Service.

The **Rolling High-speed Door (PR10)** has been designed and manufactured in accordance with the following European directives and standards: **UNE-EN 12453** and **UNE-EN 13241**

## Operation.

- Electronic limit switch (Encoder).
- Supply voltage: 230 / 400V III+N or 230V I (optional).
- Voltage disconnecter on the main switch.
- Emergency stop (*optional*)
- Manual emergency/maintenance opening
- Uninterruptible power supply (*optional*)

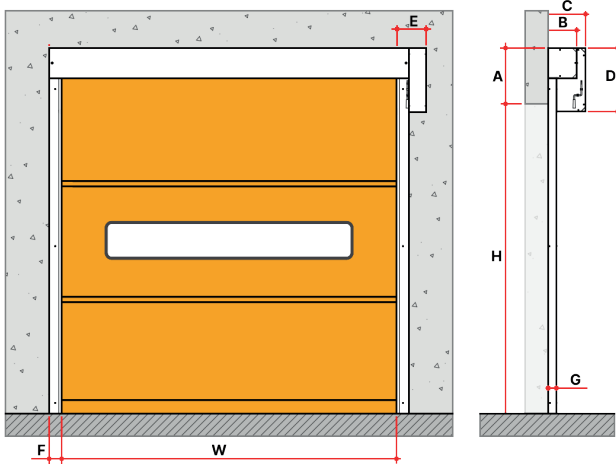


## Safety Systems.

The **PR10 High-speed Door** comes as standard with a **photoelectric light curtain with polarized filter** as a safety system, preventing any collision if a person or goods pass under the door while it is in operation. This curtain also features crossed beams to ensure the maximum protected volume.

The photoelectric light curtain has a safety certificate in accordance with the following standards: **EN ISO 13849-1:2008 Cat.2 PL D; EN 61508:2010 SIL 2; EN 12978:2009 (type SB, excl. IEC 61496-2:2006).**

## Dimensions.



H	W	A	B	C	D	E	F	G
4000(2000)	4000(820)	450	200	328	530	455	115	80

## Canvas and Frame Color Range.



(White, Cream, Yellow, Orange, Red, Light Blue, Blue, Green Grey, Black and 100% Personalised).

PR18

# Rolling High-speed Door

with Aluminium Frame for Storage Rooms.



## Technical Description.

The **PR18 Rolling High-speed Door** with Aluminum Frame has been designed for installation in storage rooms where no temperate antechambers exist. It provides excellent insulation and significantly reduces condensation, preventing water accumulation on the canvas and the floor.

Its **quick opening and closing speed** allows the passage of vehicles and goods to be streamlined, reducing the time it takes to chamber opening, improving conservation and energy saving.

It has **several safety systems** that reduce risks for workers, in addition to having been **manufactured with IP67 and 100% anticorrosive components**.

## Technical Features.

- **Application:** Indoor
- **Max. Size:** 3000 × 3000mm (height x width)
- **Material (structure):** White Lacquered Anodized Aluminium
- **Max. Speed:** Opening: (~1,6m/s)  
Closing: (~0,6m/s)
- **Colours (canvas-frame):** 10 colours available (white, cream, yellow, orange, red, light blue, dark blue, green, grey and black)
- **Canvas Material:** High-Resistance PVC (900g/m<sup>2</sup>)
- **Safety:** Integrated IP67 LED Curtain in the guides (100% wired)
- **Life Cycle:** 250,000 cycles

## Additional Features.

Features	● ○
Light curtain	●
Frequency inverter	●
Uninterruptible Power Supply (UPS)	○
Motor cover	○
Frontal motor	○
A row of small windows	●
Second row of small windows	○
Additional push button panel	○
Intermediate Stop	●
Extra opening options	○

● Standard Feature ○ Optional Feature \*For other options, consult Customer Service.

The **PR18 Aluminum Rolling High-speed Door** has been calculated and designed in accordance with the following European directives and standards: **UNE-EN 13241:2004+A2:2017**

## Operation.

- Electronic limit switch (Encoder).
- Power Supply Voltage: 230V I
- Emergency Stop (optional)
- Clutch-Release Motor for Manual Operation
- Voltage Isolator (optional)



## Safety Systems.

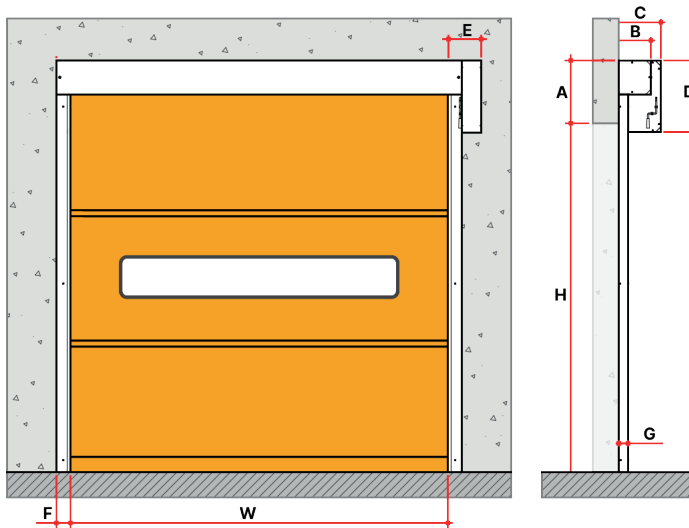
The **PR18 High-speed Door** features a **light curtain with polarized filter**, preventing collisions with people or goods. It also includes cross beams to ensure maximum protected volume.

The **light curtain** holds safety certification in accordance with regulations: EN ISO 13849-1:2008 Cat.2 PL D; EN 61508:2010 SIL 2; EN 12978:2009 (SB type, exl. IEC 61496-2:2006).



Light curtain with polarized filter.

## Dimensions.



H	W	A	B	C	D	E	F	G
3000(2000)	3000(820)	350	200	335	560	265	100	80

## Canvas and Frame Color Range.



(White, Cream, Yellow, Orange, Red, Light Blue, Blue, Green Grey, Black & 100% Personalised).

PR65

# Rolling High-speed Door

with Aluminium Frame.



## Technical Description.

The Inkema's **PR65 Rolling High-speed Door** stands out with its main feature: an **extruded anodized aluminum structure** and **304 stainless steel fittings**, providing an excellent finish for locations prone to corrosion.

The door is comprised of a high-tenacity polyester-reinforced PVC curtain that rolls onto an aluminum drum. The frames of the **PR65** door are made of high-quality anodized aluminum and are sealed, making it the most suitable choice for humid environments.

## Technical Features.

- **Application:** Indoor
- **Max. Size:** 3400 × 3400mm (width x height)
- **Material (structure):** Anodized Aluminum
- **Max. Speed:** Opening: (~1,0m/s)  
Closing : (~1,0m/s)
- **Colours (canvas-frame):** 10 colours available (white, cream, yellow, orange, red, light blue, dark blue, green, grey and black)
- **Wind Resistance:** Class 1 (EN12424)
- **Canvas Material:** High-Resistance PVC (900g/m<sup>2</sup>)
- **Safety:** Light Curtain
- **Life Cycle** 750,000 cycles

## Additional Features.

Features	<input type="radio"/>	<input type="radio"/>
Light curtain	<input checked="" type="radio"/>	<input type="radio"/>
Frequency inverter	<input type="radio"/>	<input checked="" type="radio"/>
Uninterruptible Power Supply (UPS)	<input type="radio"/>	<input checked="" type="radio"/>
Additional Photoelectric Cell	<input type="radio"/>	<input checked="" type="radio"/>
Extra opening options	<input type="radio"/>	<input checked="" type="radio"/>
Motor cover	<input type="radio"/>	<input checked="" type="radio"/>
Frontal Motor	<input type="radio"/>	<input checked="" type="radio"/>
A row of small windows	<input checked="" type="radio"/>	<input type="radio"/>
Second row of small windows	<input type="radio"/>	<input checked="" type="radio"/>
Additional push button panel	<input type="radio"/>	<input checked="" type="radio"/>
Extra opening options	<input checked="" type="radio"/>	<input type="radio"/>

● Standard Feature ○ Optional Feature \*For other options, consult Customer Service.

The **PR65 Rolling High-speed Door** has been calculated and designed in accordance with the following European directives and standards: **UNE-EN 12453** and **UNE-EN 13241**

## Operation.

- Electronic End-of-Travel Sensor (Encoder).
- Power Supply Voltage: 230/400V III+N or 230V I (optional).
- Voltage Isolator at the main switch.
- Emergency Stop (optional).
- Manual Emergency/Maintenance Opening.
- Uninterrupted Power Supply System (optional).



## Safety Systems.

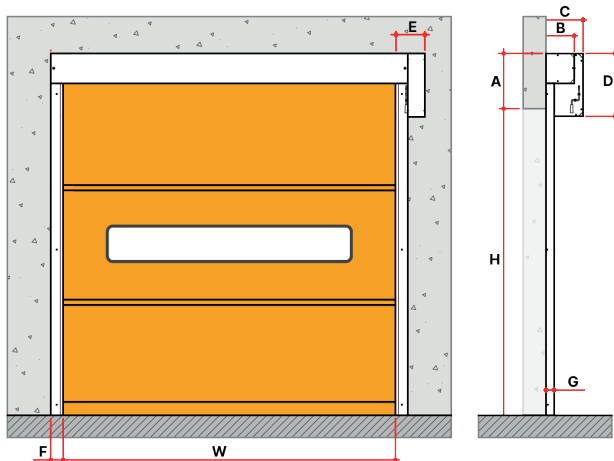
The **PR65** High-speed Door features a **light curtain** with a **polarized filter**, preventing any collision with people or goods. It also includes cross beams to ensure maximum protected volume.

The **light curtain** holds safety certifications according to regulations: EN ISO 13849-1:2008 Cat.2 PL D; EN 61508:2010 SIL 2; EN 12978:2009 (SB type, exl. IEC 61496-2:2006).



Light Curtain with polarized filter.

## Dimensions.



H	W	A	B	C	D	E	F	G
4000	4000	470	246	317	505	276	120	102

## Canvas and Frame Color Range. (Frame color optional)



(White, Cream, Yellow, Orange, Red, Light Blue, Blue, Green Grey, Black and 100% Personalised).

PR60

# Rolling High-speed Door

with Stainless Steel Frame.



## Technical Description.

The **PR60 High-speed Door** from **Inkema**, featuring a **high-quality stainless steel finish**, is the perfect choice for installations in the demanding food industry, where saline and corrosive environments are common.

All screw and fitting components have a complete finish in either 304 stainless steel. Its curtain is of high quality, weighing 900g/m<sup>2</sup>, with composite reinforcements to prevent oxidation and, at the same time, deformable to facilitate manual insertion in case of an impact on the curtain.

Additionally, the **PR60** incorporates polyethylene sliding pieces in the guides for smooth operation and to prevent residue caused by friction.

## Technical Features.

- **Application:** Indoor
- **Max. Size:** 3400 × 3400 mm (width x height)
- **Material (structure):** Stainless Steel 304
- **Max. Speed:** Opening: (~1,0m/s)  
Closing: (~1,0m/s)
- **Canvas Colours:** 10 colors (white, cream, yellow, orange, red, light blue, dark blue, green, grey, and black).
- **Canvas Material:** High-Resistance PVC (900g/m<sup>2</sup>)
- **Safety:** Emitter/Receiver or Photoelectric Curtain
- **Wind Resistance:** Class 1 (EN12424)
- **Life Cycle:** 750,000 cycles

## Additional Features.

Features	<input type="radio"/>	<input type="radio"/>
Light curtain	<input type="radio"/>	<input type="radio"/>
Frequency inverter	<input type="radio"/>	<input type="radio"/>
Uninterruptible Power Supply (UPS)	<input type="radio"/>	<input type="radio"/>
Stainless Steel Frame	<input type="radio"/>	<input type="radio"/>
Motor cover	<input checked="" type="radio"/>	<input type="radio"/>
Frontal Motor	<input type="radio"/>	<input type="radio"/>
A row of small windows	<input checked="" type="radio"/>	<input type="radio"/>
Additional push button panel	<input type="radio"/>	<input type="radio"/>
Intermediate Stop	<input checked="" type="radio"/>	<input type="radio"/>
Stainless Steel	<input checked="" type="radio"/>	<input type="radio"/>
Aquaproof	<input type="radio"/>	<input type="radio"/>

● Standard Feature ○ Optional Feature \*For other options, consult Customer Service.

The Inkema **PR60 High-speed Door** has been designed and manufactured in accordance with European standard: **EN 13241-1**

## Standard Model Operation:

- Electronic End-of-Travel Sensor (Encoder).
- Power Supply Voltage: 230/400V III + N. Optional 230V I.
- Voltage Isolator at the main switch.
- Emergency Stop (optional).
- Manual Emergency/Maintenance Opening.
- Uninterruptible power supply UPS (optional).



## Aquaproof Model Operation (optional).

- Motor IP65 GFA Elektromaten
- IP65 Panel with GFA Elektromaten Membrane
- Clutch-Release Motor for Manual Operation



## Safety Systems.

The **PR60** High-speed Door incorporates a safety system as standard, depending on the characteristics of the installation:

A **safety light curtain** or a **safety photocell**.

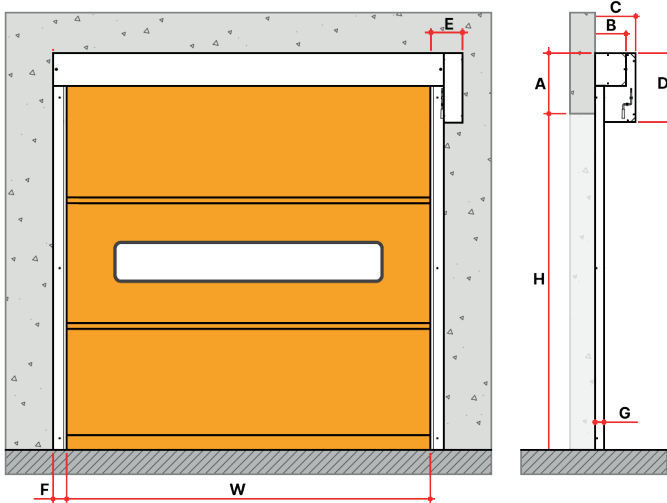


Safety light curtain.



Light curtain.

## Dimensions.



H	W	A	B	C	D	E	F	G
3400(2000)	3400(820)	470	246	317	505	276	120	102

## Canvas Color Range.



(White, Cream, Yellow, Orange, Red, Light Blue, Blue, Green Grey, Black and 100% Personalised).

# Rolling High-speed Door

with Self-repairability and High Tightness.



## Technical Description.

**Inkema PR13 Self-Repairable** has been designed for indoor/outdoor use in for its use in industry, warehouses, logistics, public transport, automation, retail and any kind of productive plant with an intense traffic of goods, ensuring at all times a high level of airtightness.

**Inkema PR13 High-speed Door** is designed with flexible bottom beam which is quite different from hard metal beam of regular rapid doors. When there is a collision accident by forklift or other vehicles, it will get out from side frame and not be damaged. Then the curtain will automatically enter the side rail through a pull-back device at the top of the rail. And it will recover automatically.

## Technical Features.

- **Application:** Indoor/Outdoor
- **Max. Size:** 6000 × 6000 mm (width x height)
- **Material (structure):** Lacquered Steel. (Galvanized and/or optional Stainless Steel 304)
- **Max. Speed:** Opening: (~1,6m/s)  
Closing: (~1,0m/s)
- **Canvas Material:** High-Resistance PVC (1,300g/m<sup>2</sup>)
- **Safety:** Light Curtain  
Unwinding Photoelectric Cells
- **Wind Resistance** Class 3: ≤ 4000 × 4500 mm. (EN12424)  
Class 2: ≥ 4000 × 4500 mm. (EN12424)
- **Life Cycle:** 250,000 cycles.

## Additional Features.

Features	<input type="radio"/>	<input type="radio"/>
Light curtain	<input checked="" type="radio"/>	<input type="radio"/>
Frequency inverter	<input checked="" type="radio"/>	<input type="radio"/>
Uninterruptible Power Supply (UPS)	<input type="radio"/>	<input checked="" type="radio"/>
Unwinding Photoelectric Cells	<input checked="" type="radio"/>	<input type="radio"/>
Extra opening options	<input type="radio"/>	<input checked="" type="radio"/>
Motor cover	<input type="radio"/>	<input checked="" type="radio"/>
Frontal Motor	<input type="radio"/>	<input checked="" type="radio"/>
A row of small windows	<input checked="" type="radio"/>	<input type="radio"/>
Second row of small windows	<input type="radio"/>	<input checked="" type="radio"/>
Additional push button panel	<input type="radio"/>	<input checked="" type="radio"/>
Extra opening options	<input type="radio"/>	<input checked="" type="radio"/>

● Standard Feature ○ Optional Feature \*For other options, consult Customer Service.

The **self-repairing High-speed Door (PR13)** has been calculated and designed according to the following European Standard: **EN 13241-1**

## Operation.

- Electronic limit switch (Encoder)
- Supply voltage: 230V I
- Controller off at main switch
- Emergency stop (optional)
- Motor with clutch for manual operation
- Uninterruptible Power Supply (optional)

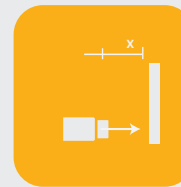


## Safety Systems.

The PR13 features a **dual safety system**: a **curtain of photoelectric sensors** to detect people and any objects that may interfere with its movement, and an **unrolling photo sensor**.

The **unrolling photo sensor** is used to detect any misalignment and ensure proper operation.

The **photoelectric curtain** stops the door and retracts it to the initial position when it detects an object or person.

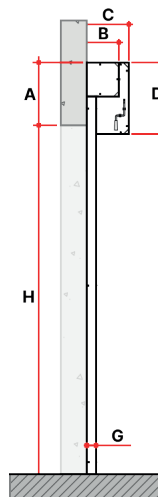
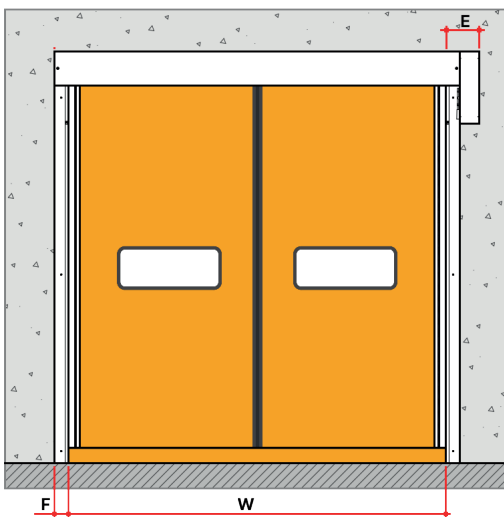


Undwinding Photocell.



Light Curtain.

## Dimensions.



Photocell Curtain and Guide Rail.



Accidental Exit Detail.

H	W	A	B	C	D	E	F	G
6000(2000)	6000(820)	590(490)(900)	360(260)(400)	360(260)(500)	530	490	120	145

## Color range.

Frame:



Canvas:



PR17

# Rolling High-speed Door.

Self-repairable for Indoor Use.



## Technical Description.

The **Inkema PR17 High-speed Door**, featuring a **self-repairing system** and **high-quality** construction, is the perfect choice for supermarkets and stores that need efficient separation between the storage area and the sales floor.

With its innovative **flexible-bag system**, this door ensures **optimal protection and quick recovery** in the event of collisions. Manufactured with durable materials and a PVC curtain reinforced with high-tenacity polyester, the PR17 offers long-term **reliability**.

Its sleek painted-steel design enhances the appearance of your facilities, complemented by high-quality finishes. It includes multiple safety systems and additional optional features available upon request.

## Technical Features.

- **Application:** Indoor
- **Max. Size:** 4000 × 4000mm (width x height)
- **Material (structure):** Lacquered steel.  
(Galvanized or stainless optional).
- **Max. Speed:** 1,6m/s
- **Colours (canvas-frame):** 10 colors (white, cream, yellow, orange, red, light blue, dark blue, green, grey, and black).
- **Canvas Material:** High-Resistance PVC (900g/m<sup>2</sup>)
- **Wind Resistance:** Class 3
- **Life Cycles:** 250,000 cycles

## Additional Features.

Features	<input type="checkbox"/>	<input type="checkbox"/>
Light curtain	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Frequency Inverter	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Uninterruptible Power Supply (UPS)	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Extra opening options	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Motor Cover	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Frontal Cover	<input type="checkbox"/>	<input checked="" type="checkbox"/>
A row of small windows	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Second row of small windows	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Additional push button panel	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Intermediate Stop	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Frame stainless steel	<input type="checkbox"/>	<input checked="" type="checkbox"/>

● Standard Feature ○ Optional Feature \*For other options, consult Customer Service.

The **Self-repairing High-speed Door (PR17)** has been calculated and designed according to the following European Standard: **EN 13241-1**

## Operation.

- Electronic End-of-Travel Sensor (Encoder).
- Power Supply Voltage: 230V I
- Emergency Stop (optional)
- Clutch-Release Motor for Manual Operation
- Voltage Isolator (optional)



## Safety Systems.

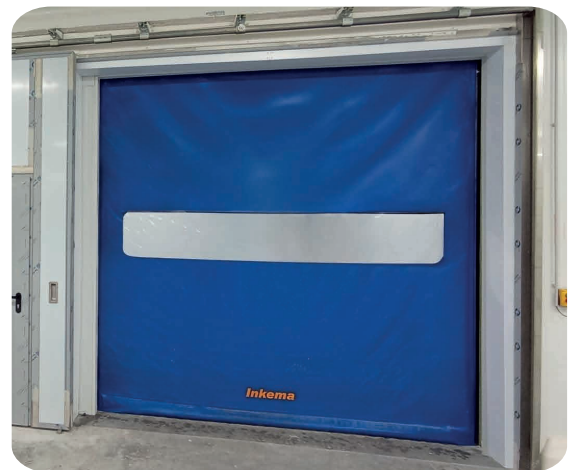
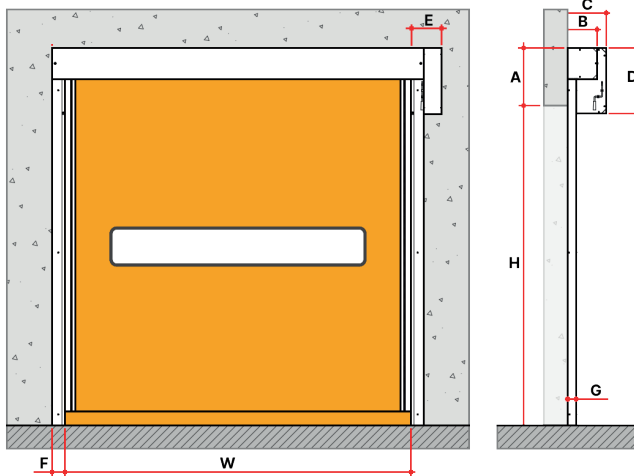
The PR17 features a **polarized filter photoelectric curtain** as a standard safety system, which prevents any collision if a person or goods pass beneath the door while it is in operation. This curtain also includes cross beams to ensure maximum protected volume.

The **photoelectric curtain** has safety certification in accordance with the following regulations: EN ISO 13849-1:2008 Cat.2 PL D; EN 61508:2010 SIL2; EN 12978:2009 (SB type, excl. IEC 61496-2:2006).



Photoelectric curtain.

## Dimensions.



H	W	A	B	C	D	E	F	G
4000(2000)	4000(820)	480	265	335	560	340	110	82

## Canvas and Frame Color Range.



(White, Cream, Yellow, Orange, Red, Light Blue, Blue, Green Grey, Black and 100% Personalised).

PR63

# Rolling High-speed Door

with Self-repairability.



## Technical Description.

The **self-repairable High-speed Door PR63** from Inkema, available in matte silver anodized extruded aluminum or white lacquer finish, is the perfect choice for refrigerated storage rooms with positive temperatures.

The **PR63** features a high-quality 3-layer isotropic curtain of 900 + Isolated 1300+900 g/m<sup>2</sup>, specially designed for storage rooms. It includes composite reinforcements to prevent oxidation and, simultaneously, deformable for ease of insertion in case of impact on the curtain.

The safety system of this High-speed Door is based on a photoelectric barrier.

## Technical Features.

- **Application:** Indoor
- **Max. Size:** 4000 × 3200 mm (width x height)
- **Material (structure):** Anodized or Lacquered Aluminum
- **Max. Speed:** 1,8 m/s
- **Colours (canvas-frame):** 10 colors (white, cream, yellow, orange, red, light blue, dark blue, green, grey, and black).
- **Canvas Material:** High-Resistance 3-Layer PVC
- **Canvas Composition:** 900+1300+900 g/m<sup>2</sup>
- **Safety:** Emitter/Receiver or Photoelectric
- **Wind Resistance:** Class 2 (3600×3800) (EN12424).
- **Air Permeability:** 5-10 Pa
- **Life Cycles:** 750,000 cycles

## Additional Features.

Features.	● ○
Light Curtain	○
Frecuency Inverter	●
Uninterruptible Power Supply (UPS)	○
Extra opening options	○
Motor Cover	●
Frontal Motor	○
Additional push button panel	●
Intermediate Stop	○

● Standard Feature ○ Optional Feature \*For other options, consult Customer Service.

The **PR63** High-speed Door has been designed and manufactured in accordance with European standard:

**EN 13241-1.**

## Operation

- Motor IP65 GFA Elektromaten
- Electronic End-of-Travel Sensor (Encoder)
- IP65 Panel with GFA Elektromaten Membrane
- Power Supply Voltage: 230V I
- Emergency Stop (optional)
- Clutch-Release Motor for Manual Operation
- Uninterrupted Power Supply System (optional)



## Safety Systems.

The **PR63 High-speed Door** comes standard with a safety system based on the installation's characteristics:

Either a **safety light curtain** or a **safety photocell**.

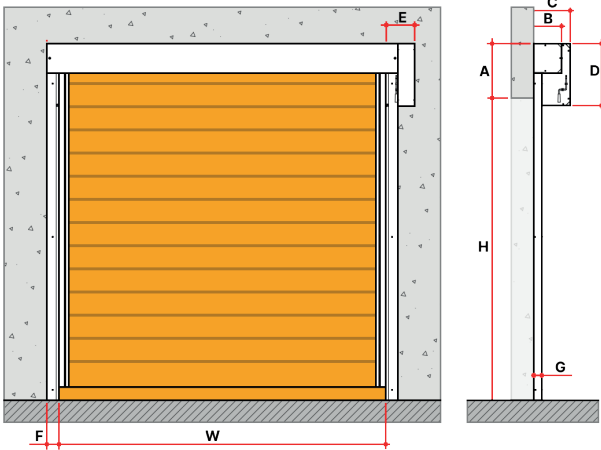


Safety Photocell.



Safety Light Curtain.

## Dimensions.



H	W	A	B	C	D	E	F	G
3200(2000)	4000(820)	530	310	310	650	292	136	100

## Canva Color Range.



(White, Cream, Yellow, Orange, Red, Light Blue, Blue, Green, Grey, Black).

PR15

# Fold-up High-speed Door

for Indoor and Outdoor.



## Technical Description.

**Inkema PR15 Fold-up** has been design for indoor/outdoor for its use in Industry, distribution centres, warehouses, logistics, public transport, hangar and retail. This High-speed Fold-up door allows intensive inbound and outbound traffic in your commercial and industrial applications and are safe, reliable, maintenance and user friendly

**Inkema PR15 Fold-up:** the high-speed of opening and closing reduces heat losses both in winter and summer, ensuring energy savings in both commercial and industrial applications.

## Technical Features.

- **Application:** Indoor/ Outdoor
- **Max. Size:** 8000 × 6000mm (width x height)
- **Material (Struct):** Panted steel or galvanised.
- **Max Speed:** Opening: (~0,8m/s)  
Closing: (~0,6m/s)
- **Canva Material:** High strength PVC (900g/m<sup>2</sup>)
- **Wind Resistance:** Class 3: ≤ 5500 × 6000mm  
Class 2: ≤ 6000 × 6000mm
- **Life Cycle:** 750,000 cycles

## Additional Features.

Features	<input type="radio"/>	<input type="radio"/>
Light curtain	<input checked="" type="radio"/>	<input type="radio"/>
Frequency inverter	<input type="radio"/>	<input type="radio"/>
Uninterruptible Power Supply (UPS)	<input type="radio"/>	<input type="radio"/>
Galvanised or stainless frame	<input type="radio"/>	<input type="radio"/>
Optical diffuse mode sensor	<input checked="" type="radio"/>	<input type="radio"/>
Frontal motor	<input type="radio"/>	<input type="radio"/>
A row of small windows	<input checked="" type="radio"/>	<input type="radio"/>
Second row of small windows	<input type="radio"/>	<input type="radio"/>
Additional push button panel	<input type="radio"/>	<input type="radio"/>
Intermediate Stop	<input type="radio"/>	<input type="radio"/>
Extra opening options	<input type="radio"/>	<input type="radio"/>

● Standard Feature ○ Optional Feature \*For other options, consult Customer Service.

The **PR15 High-speed Folding Door** has been designed and manufactured in accordance with European regulations: **EN 13241-1:2004+A2:2017**

## Operation.

- Waterproof box IP65.
- Power Supply Voltage: 230/400V III+N or 230V I (optional).
- Three-phase motor.
- Emergency Stop - Mushroom Button
- Uninterrupted Power Supply System (optional).



## Safety Systems.

The **PR15** has a double safety systems:

A **light curtain** for person or an object that may interfere during its operation. The light curtain act during the closing, stopping the door and opening it again, when they detect a person or an object.

An **optical diffuse mode sensor** to detect/prevent any person that may get caught on the strap from being dragged.

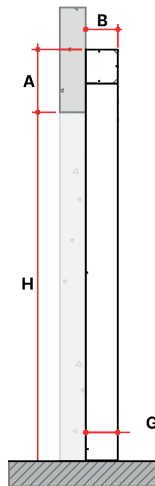
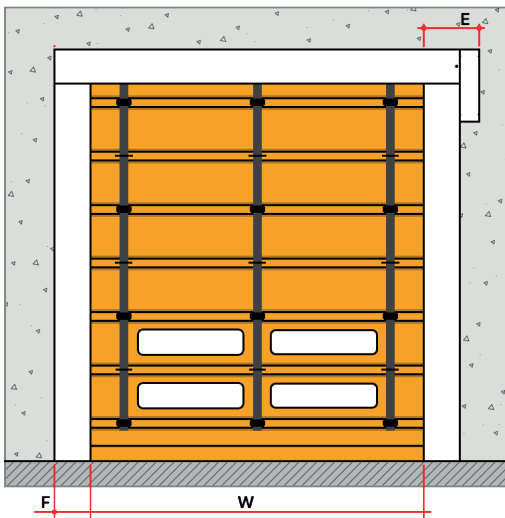


Optical diffuse mode sensor.



Light curtain.

## Dimensions.



Vertical belts connected to the ribs.



Reinforcement and double strap.

H	W	A	B	C	D	E	F	G
6000	8000	1250	200	-	-	500	200	200

## Canvas and Frame Color Range.



Green, blue, grey, cream, yellow, orange, others colours upon request and 100% personalised).

# Fold-up High-speed Door.

Large dimensions.



## Technical Description.

The **PR15 GD Folding** High-speed Door from Inkema is designed for outdoor installation.

Its high-speed opening and closing help minimize temperature losses in both winter and summer, ensuring significant energy savings throughout the year.

This High-speed Door allows for intense incoming and outgoing traffic in commercial and industrial applications, combining Safety, reliability, and straightforward maintenance.

## Technical Features.

- **Application:** Indoor / Outdoor
- **Max. Size:** 12000 × 6000mm (width x height)
- **Material (structure):** Lacquered Steel
- **Max Speed:** Opening: (~0,6m/s)  
Closing: (~0,6m/s)
- **Canvas material:** High-Resistance PVC (900g/m<sup>2</sup>)
- **Wind Resistance:** Class 2.
- **Life Cycles:** 100.000 cycles

## Additional Features.

Features	<input type="radio"/>	<input type="radio"/>
Light Curtain	<input checked="" type="radio"/>	<input type="radio"/>
Safety Photocell	<input checked="" type="radio"/>	<input type="radio"/>
A row of small windows	<input checked="" type="radio"/>	<input type="radio"/>
Second row of small windows	<input type="radio"/>	<input type="radio"/>
Additional push button panel	<input type="radio"/>	<input type="radio"/>
Intermediate Stop	<input type="radio"/>	<input type="radio"/>
Extra opening options	<input type="radio"/>	<input type="radio"/>

● Standard Feature ○ Optional Feature \*For other options, consult Customer Service.

The **PR15 GD high-speed folding door from Inkema** has been designed and manufactured in accordance with the regulations European: **EN 13241-1:2004+A2:2017**

### Operation.

- IP65 Waterproof Box
- GFA Elektromaten Three-Phase Motor IP54
- Power Supply Voltage: 230/400V III
- Opening with Lifting Chains
- Uninterrupted Power Supply System (optional)



### Safety Systems.

The PR15 GD comes standard with two safety systems:

**Upward Safety Photocell:** Designed to prevent accidental dragging in case a person or object gets caught in the curtain

**Downward Safety Light Curtain:** Enables automatic opening before coming into contact with any obstacle.

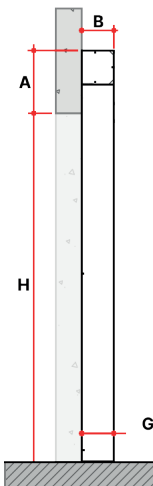
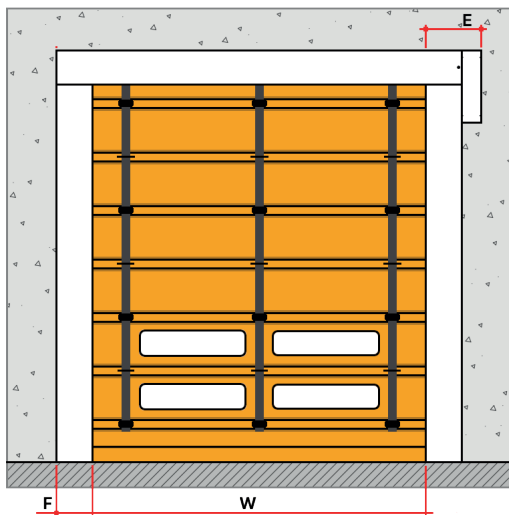


Safety Photocell.



Safety Light Curtain.

### Dimensions.



Vertical belts connected to the ribs.



Reinforcement and double strap.

H	W	A	B	C	D	E	F	G
6000 (2000)	12000(2000)	1500	300	-	-	430	280	300

### Canvas and Frame Color Range.



Green, blue, grey, cream, yellow, orange, others upon request, & 100% personalised).

# Fold-up High-speed Door.

Windproof.



## Technical Description.

The **Inkema PR64 Fold-up High-speed Door** is designed for outdoor installation. Its high wind resistance insulates the interior of the facility from adverse weather conditions.

The high-speed opening and closing help minimize temperature losses in both winter and summer, ensuring significant energy savings throughout the year.

This High-speed Door allows for intense incoming and outgoing traffic in commercial and industrial applications, combining Safety, reliability, and straightforward maintenance.

## Technical Features.

- **Application:** Indoor/Outdoor
- **Max. Size:** 6000 × 6000mm (width x height)
- **Material (structure):** Lacquered Steel
- **Max. Speed:** Opening: (~0.6m/s)  
Closing: (~0.6m/s)
- **Canvas Material:** High-Resistance PVC (900g/m<sup>2</sup>)
- **Wind Resistance:** Class 4.
- **Life Cycles:** 750,000 cycles

## Additional Features.

Features	● ○
Light Curtain	●
Safety Photocell	●
A row of small windows	●
Second row of small windows	○
Additional push button panel	○
Intermediate Stop	○
Extra opening options	○

● Standard Feature ○ Optional Feature \*For other options, consult Customer Service.

The **PR64 Fold-up High-speed Door** has been designed and manufactured in accordance with European standards: **EN 13241-1:2004+A2:2017**

## Operation.

- IP65 GFA Elektromaten Motor
- Electronic End-of-Stroke (Encoder)
- IP65 Panel with GFA Elektromaten Membrane
- Power Supply Voltage: 230V I
- Emergency Stop (optional)
- Clutch-Disengaged Motor for Manual Operation
- Uninterrupted Power Supply System (optional)



## Safety Systems.

The **PR64** comes standard with two safety systems:

**Upward Safety Photocell:** Designed to prevent accidental dragging in case a person or object gets caught in the curtain

**Downward Safety Light Curtain:** Enables automatic opening before coming into contact with any obstacle.

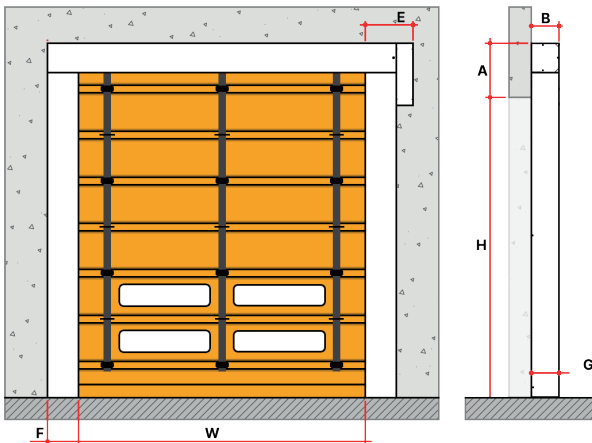


Safety Photocell.



Safety Light Curtain.

## Dimensions.



H	W	A	B	C	D	E	F	G
6000(2000)	6000(820)	1250(1100)	250(200)	-	-	520	250(200)	250(200)

## Canvas and Frame Color Range.



Green, blue, grey, cream, yellow, orange, others upon request, & 100% personalised).

# Cold Storage High-speed Door with 10mm Insulating Canvas.



## Technical Description.

High-speed Door designed for **cold-freezing chambers**, with **internal temperatures of up to -20°C** and a **refrigerated external zone of 7-8°C**, allowing a **thermal jump of 25-30°C**. Made with an exclusive 10 mm highly resistant canvas that reduces condensation and **ensures high watertightness** thanks to its reinforced perimeter insulation.

Equipped with resistances in guides and motor to **prevent the formation of ice**, minimising temperature losses and improving energy efficiency. Its aluminium and stainless steel finishes guarantee resistance to corrosion, and all components are IP65, with a safety system adapted to negative temperatures to guarantee hygiene and food preservation.

## Technical characteristics and performance.

- **Application:** Interior
- **Wind class:** 1
- **Guides:** Anodized aluminum with resistors.
- **Lintel:** Stainless steel 304
- **Hardware - Screws:** Stainless steel 304
- **Axis:** Aluminum with stainless steel transmission ends.
- **Sliding:** Polyethylene parts (without brushes)
- **Canvas:** High resistance PVC (1,300 gr/m<sup>2</sup>)
- **Reinforcements:** Very resistant and flexible composite
- **Baseboard:** Flexible and adaptable black floor
- **Maximum dimension:** 2500Lx3500H - 3000Lx3000H mm

## Benefits.

Characteristics	● ○
Quickfit (self-supporting structure)	●
Aqualine®	○
Aluminium guides with resistors	●
Frequency converter	●
IP67 E/R photocell + Sensor	●
IP66 push button panel with emergency stop	●
IP65 motor	●
Motor cover	●
UPS	○
Packaging with removable wood	●

\* For other optional services, please contact our sales department.

○ Optional benefit

● Standard feature

The PR31 Cold Storage High-speed Door has been calculated and designed in accordance with the following European directives and regulations: **UNE-EN 12453 and UNE-EN 13241.**

## Operation.

- GFA Elektromaten IP65 motor with resistance.
- Aluminium and stainless steel motor cover as standard.
- Electronic limit switch by absolute encoder.
- VAR970 GFA Elektromaten IP65 control panel as standard.
- Internal opening button panel with emergency stop IP66.
- Speed: Opening (up to 1.2 m/s) - Closing (up to 0.6 m/s)
- Life cycle: 750,000 cycles
- Operating voltage: 1x230V-50/60HZ.



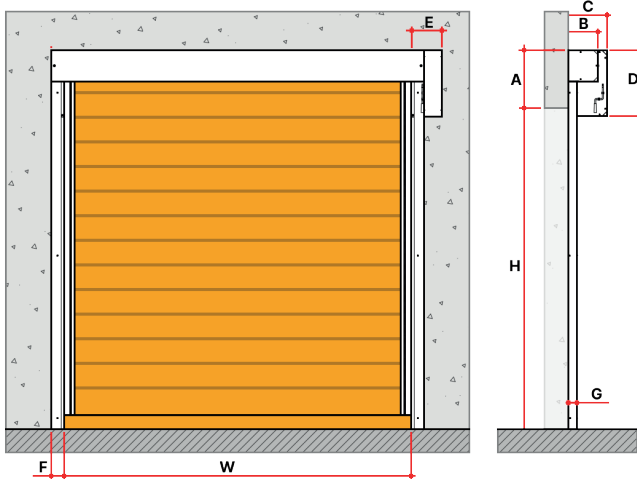
## Safety Systems.

The PR31 is equipped as standard with an **IP photocell transmitter/receiver integrated into the guides** and an **IP67 sensor in the lintel**, specially designed for freezing and environments with high water density.

Both components have safety certification in accordance with regulations: EN ISO 13849-1:2008 Cat.2 PL D ; EN 61508:2010 SIL 2 ; EN 12978:2009 (SB type, exl.IEC 61496-2:2006).

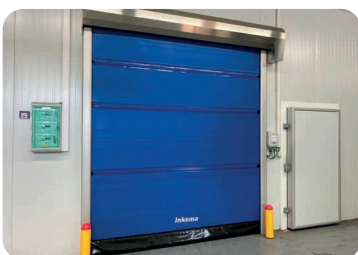


## Dimensions.



H. max	W. max	A	B	C	D	E	F	G
3000	3000	720	405	405	585	300	120	100

**1300 gr/m2 blue canvas without peepholes.**



PR32

# Cold Storage High-speed Door with Double-canvas.



## Technical Description.

The **Cold Storage High-speed Door PR32**, built with a double PVC curtain and interwoven nylon, is **suitable for chambers reaching temperatures as low as -35 °C**.

Its design creates a thermal-bridge break effect in the intermediate section, allowing opening and closing cycles with **temperature differences of up to 35 °C** between rooms, under optimal humidity conditions (40%), while **reducing ice and frost formation**. These technologies improve room efficiency and **reduce energy consumption**.

The **self-repairing system** ensures that, after minor impacts, the door can continue operating without the need for a technician.

## Technical Features.

- **Application:** Indoor
- **Max. Size:** 6000 × 6000mm (width x height)
- **Material (structure):** Galvanized Steel, Lacquered, or Stainless Steel 304
- **Max. Speed:** Opening: (~1,8 m/s)  
Closing: (~0,8 m/s)
- **Canvas Material:** Highly resistant interlining nylon
- **Safety:** IP67 photocell barrier
- **Wind Resistance:** Class 2.
- **Engine life cycle (S/Manufacturer):** 1,000,000 cycles.
- **Door life cycle (Tested):** 250,000 cycles.

## Additional Features.

Features	● ○
Light Curtain	●
Frequency inverter	●
Uninterruptible Power Supply (UPS)	○
Stainless Steel Frame	○
Motor Cover	●
A row of small windows*	○
Additional push button panel	●
Intermediate Stop	○
Chassis heating	●
Intermediate heating	●
Chain unlocking	○

\*(Not recommended below -10°C)

● Standard Feature ○ Optional Feature \*For other options, consult Customer Service.

The **PR32 Double-canvas Cold Storage High-speed Door** has been calculated and designed in accordance with the following European directives and standards: **UNE-EN 13241:2004+A2:2017**.

## Operation.

- Control panel with opening, closing, and emergency stop functions.
- Final travel adjustments from the control panel.
- Gear motor with high-performance electric brake.
- Power supply for 24 Vac accessories.
- Independent control panel with heating system safety devices.



## Safety Systems.

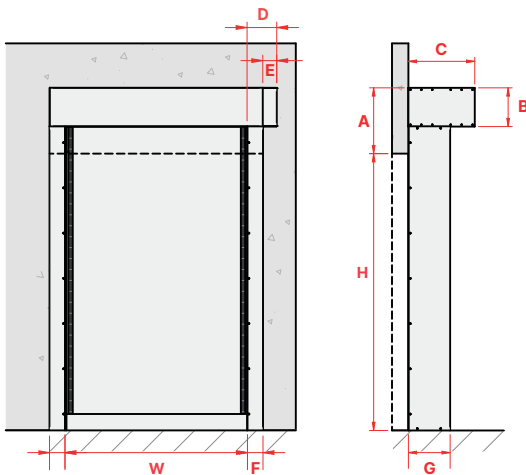
The PR32 comes standard with two safety systems:

- Double **IP67 photocell barrier**.
- **Emergency opening** via chain on the motor.
- **Circuit breakers and residual current devices** for the heating system.
- **Button photocells** (for cases of extreme humidity).



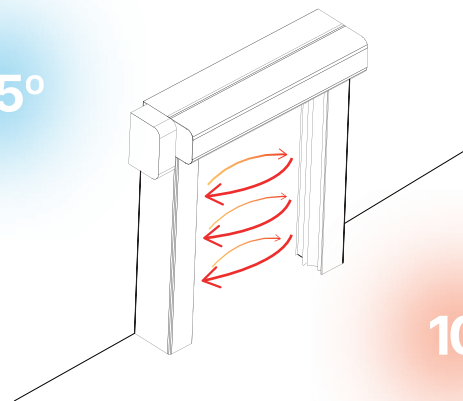
Double IP67 photocell.

## Dimensions.



## Air regeneration control.

-25°



10°

H	W	A	B	C	D	E	F	G
4000(1000)	4000(1800)	600	350	610	270	340	145	382

## Canvas and Frame Color Range.



(Beige, cream, yellow, orange, pomegranate, light blue, dark blue, green, and various shades of grey.)

PR20

# Rolling High-speed Door for Cleanrooms.



## Technical Description.

The **PR20 High-speed Door for clean rooms** is composed of a canvas that automatically inserts itself in case of impact and has been designed for indoor use, specifically in **low permeability locations** such as **cleanrooms** in the **agri-food sector**.

With the aim of reducing the risk of contamination in such places from external agents, Inkema offers the **option of contactless opening** and the installation of doors that interlock with each other (up to 5 doors).

The **PR20 High-speed Door** has been designed and manufactured with attention to detail to ensure **excellent sealing and insulation** from the outside.

## Technical Features.

- **Application:** Indoor
- **Max. Size:** 4000 × 4000mm (width x height)
- **Material (structure):** White lacquered steel RAL9010  
Stainless steel 304
- **Max. Speed:** Opening: (~1,6m/s)  
Closing: (~0,6m/s)
- **Canvas material:** PVC nylon interlining (1300 g/m<sup>2</sup>)
- **Air Permeability:** 30Pa
- **Wind resistance:** Class 2, 3, and 4 (depending on dimensions)
- **Life Cycle:** 750,000 cycles.

## Additional Features.

Features	● ○
Light Curtain	●
Frequency inverter	●
Uninterruptible Power Supply (UPS)	○
Stainless Steel Frame	○
Motor Cover	○
Frontal Motor	○
A row of small windows	○
Second row of small windows	○
Additional push button panel	○
Extra opening options	●

● Standard Feature ○ Optional Feature \*For other options, consult Customer Service.

The **PR20 High-speed cleanroom door** has been calculated and designed in accordance with the following directives and European regulations: **UNE-EN 13241-1:2004+A1:2011**.

## Operation.

- Power supply: 1x230Vac-50/60Hz
- Motor reducer with electromagnetic brake.
- Easily programmable control panel.
- Adjustment of end positions via the control panel.
- Control button with IP67 rating and emergency stop
- Manual unlocking with a handwheel (for power loss situations).



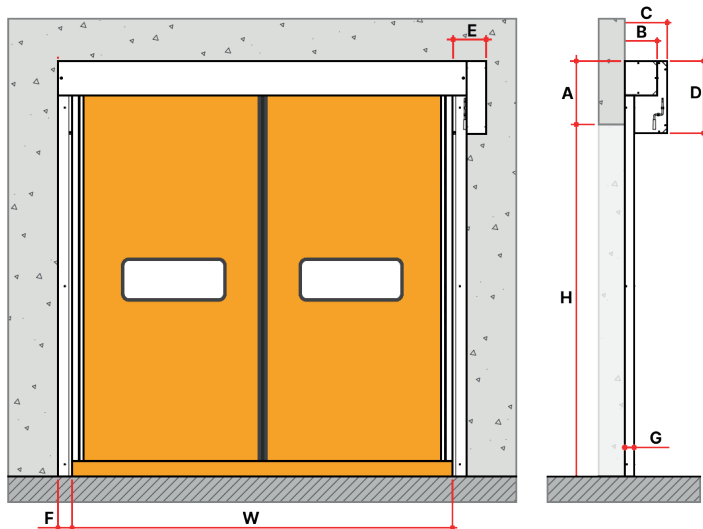
## Safety Systems.

The **PR20** High-speed Door has an **IP67 light curtain** as a standard safety system that avoids any collision if any person or merchandise transits under the door while it is in operation.

This curtain also has crossed beams to guarantee maximum volume protected.

The **photoelectric curtain** has a safety certificate according to regulations: **UNE-EN 13241-1:2004+A1:2011**

## Dimensions.



- Clear Height > 3200 mm.
- Clear Height < 3200 mm.

H	W	A	B	C	D	E	F	G
4000(2000)	4000(820)	530(470)	312	329(312)	676	280	120	115

### Optional frame colors (\*standard).



### Range of colors for the canvas.



# PR21 | Rolling High-speed Door

## for Cleanrooms and Laboratories.



### Technical Description.

The **PR21 High-speed Door for cleanrooms and laboratories** from **Inkema** is composed of a canvas that automatically inserts itself in case of impact and has been designed for indoor use, specifically in **low permeability** locations such as **cleanrooms** in the **agri-food sector**.

With the aim of reducing the risk of contamination in such places from external agents, Inkema offers the **option of contactless opening** and the installation of doors that interlock with each other (up to 5 doors).

The **PR21 High-speed Door** has been designed and manufactured with attention to detail to ensure **excellent sealing and insulation** from the outside.

### Technical Features.

- **Application:** Indoor
- **Max. Size:** 3000 × 3000mm (width x height)
- **Material (structure):** White lacquered steel RAL9010  
Stainless steel 304
- **Max. Speed:** Opening: (~1,6m/s)  
Closing: (~0,6m/s)
- **Canvas material:** PVC nylon interlining (1300 g/m<sup>2</sup>)
- **Air Permeability:** 50Pa
- **Wind resistance:** Class 2, 3, and 4 (depending on dimensions)
- **Life Cycle:** 750,000 cycles.

### Technical Features.

Features	● ○
Light Curtain	●
Frequency inverter	●
Uninterruptible Power Supply (UPS)	○
Stainless Steel Frame	○
Frontal Motor	○
A row of small windows	○
Second row of small windows	○
Additional push button panel	○
Intermediate Stop	○
Extra opening options	●

● Standard Feature ○ Optional Feature \*For other options, consult Customer Service.

The **PR21 High-speed Cleanroom Door** has been calculated and designed in accordance with the following directives and European regulations: **UNE-EN 13241-1:2004+A1:2011**.

## Operation.

- Power supply: 1×230Vac-50/60Hz
- Motor reducer with electromagnetic brake.
- Easily programmable control panel.
- Adjustment of end positions via the control panel.
- Control button with IP67 rating and emergency stop (opening on both sides)
- Manual unlocking with a handwheel (for power loss situations).

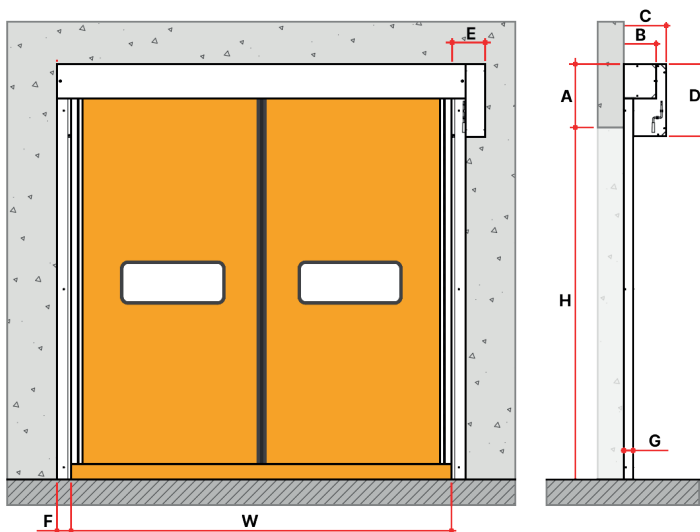


## Safety Systems.

The **PR21** High-speed Door is equipped with an **IP67 light curtain** as a standard safety system, preventing any collisions if a person or goods pass beneath the door while it is in operation. This curtain also features cross beams to ensure maximum protected volume.

The **photoelectric curtain** has safety certification according to the standard: **UNE-EN 13241-1:2004+A1:2011**.

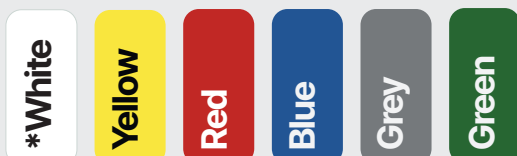
## Dimensions.



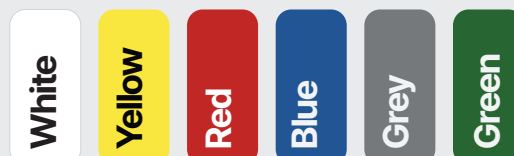
- Clear Height > 3200 mm.
- Clear Height < 3200 mm.

H	W	A	B	C	D	E	F	G
3000(2000)	3000(820)	530(470)	312	329(312)	676	280	120	115

### Optional frame colors (\*standard).



### Range of colors for the canvas.



# FPD | FireProtect Duo.



Rolling High-speed Door.



Fire Curtain.

## Technical Description.

The new **FireProtect Duo** is a system that combines the protective closure of a **Fire Curtain** with a **Rolling High-speed Door**.

This combination provides the **protection, safety, and quick closure of fire-segregated spaces**, ensuring the safety of assets and/or individuals in the event of a fire.

**FireProtect Duo** allows the customer to choose **the suitable Inkema rolling High-speed Door** for their needs along with the **fire curtain - RFCOR**. Our team of experts will study each case to offer customers the available combinations and determine which one best suits their installations.



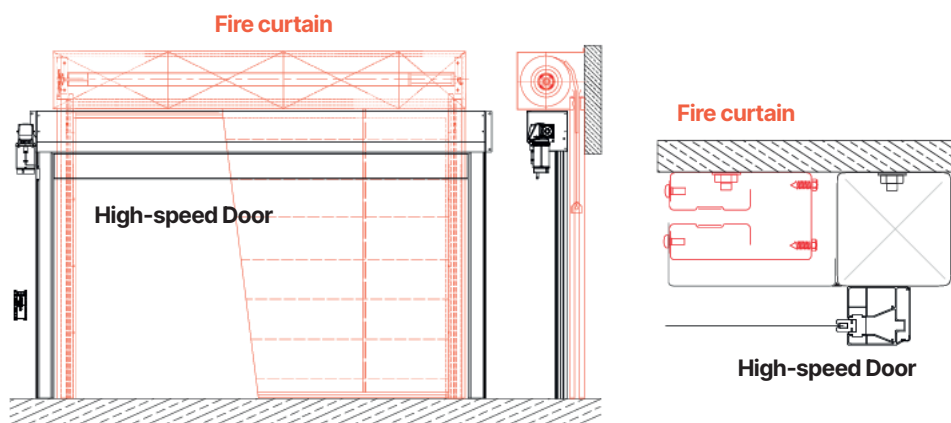
Connected to the alarm system.



Back-up Battery.



Different fire resistances.



Fireproof curtain with conventional High-speed Door system

**Inkema** has all fire resistance classification tests according to the testing standards: **UNE EN 1634-1, UNE EN 1363-1 & UNE EN 13501-2**. We comply with current legislation when certifying and homologating our products.

## Main Features of the Fire Curtain.

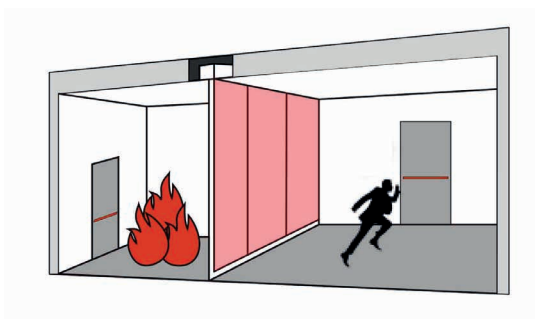
- Maximum manufacturing dimension: 6 × 6 m.
- Easy and fast installation system.
- Opening and closing on the curtain's axis.
- Minimum installation space.
- Sectorization system on both sides.
- Control panel prepared to include additional accessories.



## Operation.

The **RFCOR** curtain features an automatic design that ensures flame integrity and smoke permeability with a resistance of **60 to 120 minutes**. It also comes with a guaranteed 1000 cycles and impermeability with a pressure of 25 Pa.

It includes a control panel that activates the curtain for both closing and opening. The control panel is **connected to the alarm center**, which will give the order to close the curtain in case of a fire.







**Contact us.**  WhatsApp  +34 93 544 47 08  [export@inkema.com](mailto:export@inkema.com)

Inkema prides itself on providing quality products and services, backed by a solid warranty.

Ready to improve your facilities? Our team of experts is ready to help you find the perfect solution to boost your business. Contact us today and find out how we can help you!

## Global Presence: In Over 100 Countries



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