



# ASSA ABLOY SL600

Setting new standards for  
automatic door system design

[assaabloyentrance.com](http://assaabloyentrance.com)

**ASSA ABLOY**  
Entrance Systems

Experience a safer  
and more open world

# We never compromise with your sliding door system

## Proven expertise

From the start of our journey all the way through to our current set-up as ASSA ABLOY, our automatic sliding door systems have consistently led the industry when it comes to quality, reliability, and convenience. Everything we produce is designed by our global team of expert technicians and engineers, each of whom shares a passion for sustainable innovation.

## Robust and high quality

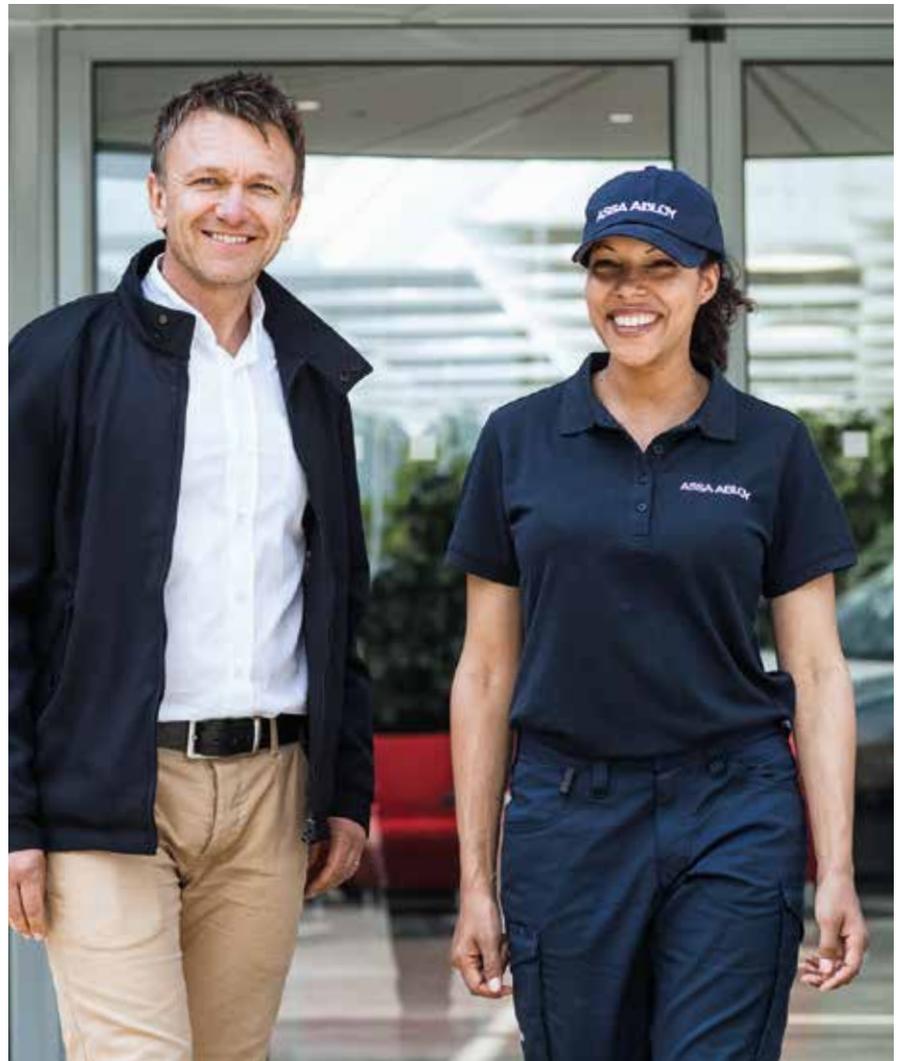
We've spent 50+ years improving and perfecting our automatic entrance systems. Combining highly robust materials with state-of-the-art technology designed to ensure safe and seamless user flow – while enabling us to maintain a solid legacy.

## Safe and secure technology

Our systems come equipped with the latest safety features, enabling comfortable and safe passage at all times and under any circumstance. Should an obstruction be detected, our intelligent control ensures that doors are immediately will be pulled open and then resume interrupted movement at low speed to ensure the obstruction is no longer there.

## Full solution and service partner

As a full service provider we offer businesses total freedom to customize their sliding door systems, with a variety of door leaves, glass panels and colors to choose from. We also offer tailored maintenance and service agreements, with our service experts available to solve issues whenever you need them.



## Key benefits

SL600 has been developed with the end-user in mind. Our developers have applied their experience and expertise to providing a system that meets the needs of a modern building. That involves quality design and the integration of a range of innovative technical features, including opening widths that adapt to traffic frequency.

### In-house Development

We are one of the few manufacturers of automatic doors that develops and produces both controls and sensors in-house. As a result, we can optimise the design and functionality of these devices to suit our products right from the design and planning phase. We can therefore provide fully compatible control software for all doors and peripherals. Our sensors feature combined radar/infrared, radar only or active-infrared trigger devices are available for assembly on the lintel or flush with it. SL600's unique learning ability ensures high levels of reliability. Self-triggering, or ghosting, caused by the door leaves as they close, has been completely eliminated in our system.

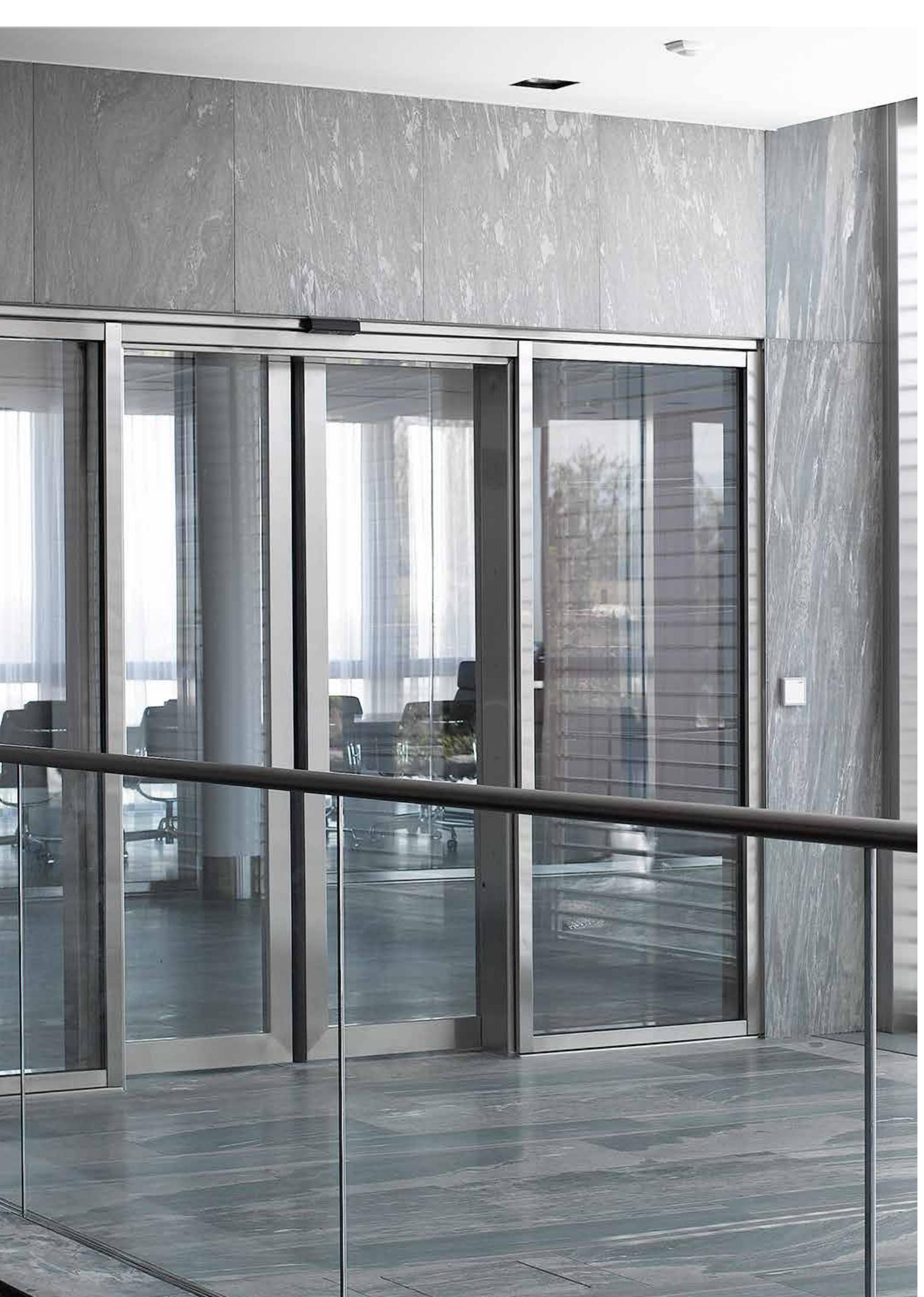
### Faster assembly

We are keen to support our customers by minimising assembly time and simplifying installation. As a result, we have focused on drive pre-assembly by developing a slide bar. The bar enables us to manufacture drives of identical widths, streamlining the production process. Most of our automatic doors are now assembled and ready to be dispatched within a day. We have developed the slide bar drive design so that it is now available for most sliding doors, even those with drive covers of just 108 mm.

### Mechanically the best

Our efforts to produce the quietest automatic doors possible have helped establish SL600 as market leader. Sliding doors open and close exceptionally quietly, which is testament to our manufacturing precision and use of quality compatible components. This precision engineering is also demonstrated in the harmonious sequence of door leaf movements.







The SL600 automatic door system takes automatic doors to a new level. Our expert team has developed the next generation of door systems, integrating a range of innovative features to sit at the heart of support smart building design.

Check out our latest product video,  
ASSA ABLOY automatic Sliding  
Doors – Never Compromise





The automatic sliding door system forms the basis of our extensive range of automatic doors and has been developed with the needs of the customer in mind. As well as guaranteeing typical Swiss quality standards, we have applied our engineering expertise to ensure exceptional low levels of operational noise. Our innovative thinking has also exploited technology to ensure opening widths adapt to traffic frequency and that sensors are not affected by external signals.

#### **Customer-focus**

SL600 has become the market leader by addressing the challenges of building management and is the first automatic door system to combine interactive communication, simplified commissioning, intuitive control and enhanced operational safety and reliability. We are one of the few automatic door manufacturers that develops both controls and sensors in-house. That means that we ensure they suit our product range with fully compatible control software for all doors and peripherals. SL600 sits at the heart of all our automatic door drives and allows us to meet different requirements with models that use the same components. This speeds up assembly time and lowers service and maintenance costs.

The automatic sliding door system provides customers with a choice of angled sliding doors, single and bi-parting standard sliding doors, elegant two and four-leaf telescopic sliding doors, graceful curved and round sliding doors, as well as space-saving folding doors. This is in addition to models designed for special applications such as escape routes.

#### **Maintenance and Inspection**

Service and maintenance contracts are tailor-made to suit individual needs and circumstances, offering peace of mind that your door systems will function reliably and offer value for money for many years to come.

SL600 fulfils 2006 / 42 / EG industrial guidelines for machines, as well as EN 16005 and all relevant national and international norms and standards.

# Automatic Sliding Doors

Impressive entrances with unhindered access for every area and every requirement.

## **Versatility**

SL600 has given us the freedom to construct an impressive portfolio of models of door. Designed using modular construction principles, the system can be adapted to suit a wide range of conditions, whilst still using the same core components. That design principle means that installation is quicker and service and maintenance costs are minimised.

## **Mechanics**

SL600 is renowned for its quiet operation and the lack of noise is a major benefit for users and building operators alike. A lot of thought and engineering skills have gone into making this possible. A number of features contribute to tackling noise pollution, including short low-momentum toothed belts, rollers made from hard-wearing low-noise plastic, acoustically decoupled running tracks, guide pulley wheels with ball bearings and door leaf guides with specially developed guide profiles.

## **Electronics**

The communication capability of the operator, sensors and control panel enables continuous monitoring of the status of the components. The operating status of the door system and its individual electronic components is also constantly checked for plausibility. Thanks to the learning capability, the potential for faults in the system is reduced to a minimum.

Customers can operate doors using a control panel with a graphic display with background lighting. The user friendly display features menu-led navigation which is available in the language of your choice. If required, an additional key operated switch is also available.

## **Design**

The automatic sliding door system features 20 mm thick aluminium profiles available for 10 mm thick single glazed leaves, or 32 mm thick profiles suitable for 24 mm thick insulating glass to provide maximum transparency. We can even fit other manufacturers' profiles of up to 65 mm. Both profiles and drive unit cover can be anodized or powder-coated to suit your requirement.

## **Escape route systems**

Control unit for escape routes with redundant components according AutSchR.  
Control unit for heavy duty application.

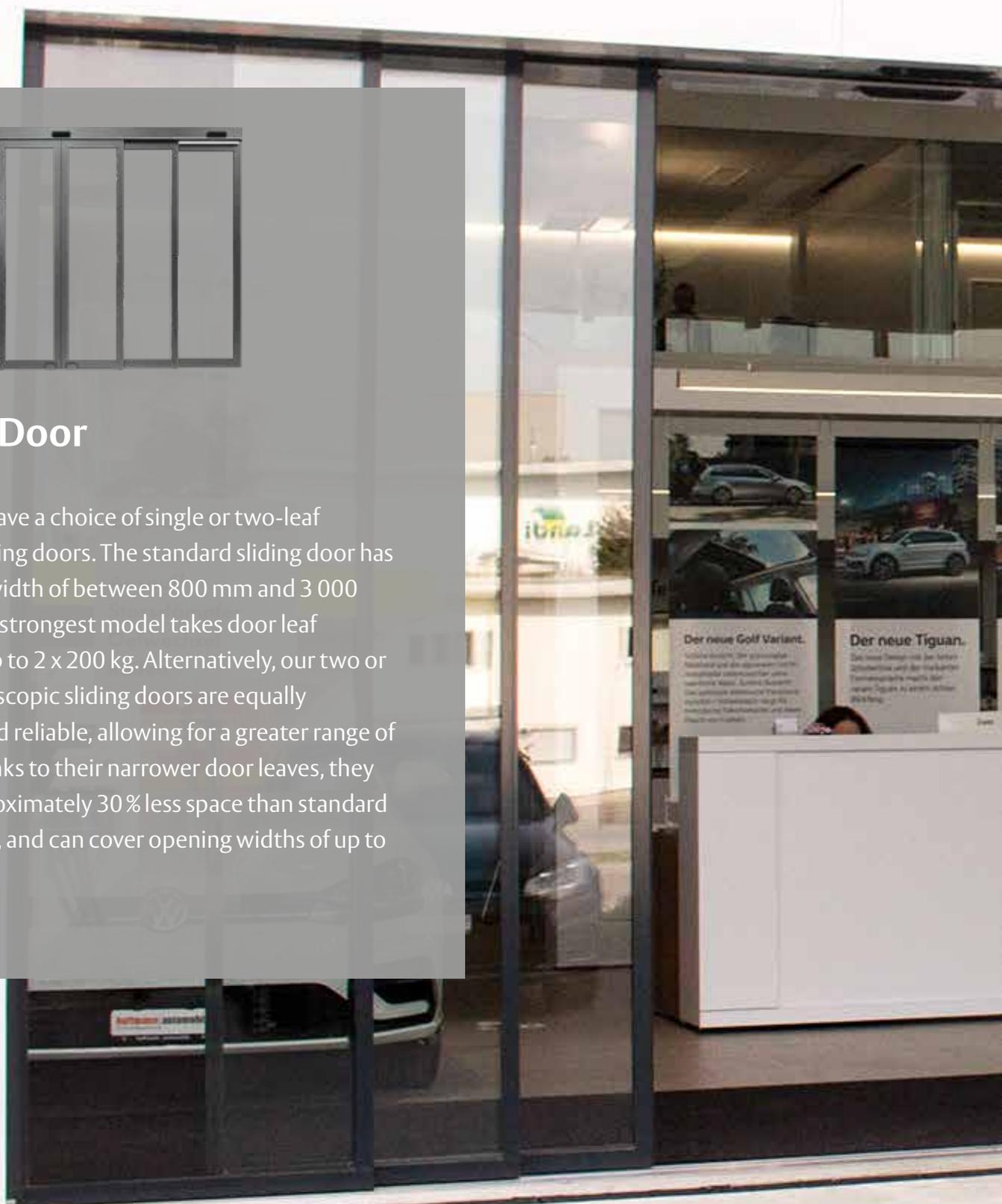
Feature	Standard sliding door		Telescopic sliding door	
	Single sliding door	Bi-parting sliding door	Single telescopic sliding door	Bi-parting telescopic sliding door
Door type	Single sliding door	Bi-parting sliding door	Single telescopic sliding door	Bi-parting telescopic sliding door
Opening width	mm 800 – 3 000	800 – 3 000	800 – 3 000	1 200 – 4 000
Clear height of passage	mm 3 000	3 000	3 000	3 000
Max. door leaf weight	kg 1 x 150	2 x 120	2 x 90	4 x 80
Escape route systems (electrically)	kg 1 x 150	2 x 150	2 x 120	4 x 90
Heavy duty application (20-200 / 22)	kg 1 x 200 / 1 x 250	2 x 150 / 2 x 200	2 x 130 / 2 x 170	4 x 90 / 4 x 130
Recommended application	single leaf door automation for tight spaces	for most normal applications	Where limited space in a passage area excludes the use of sliding doors Minimal space, maximum opening	for elegant entrances and generous width of passage
				
				

# Standard applications



## Sliding Door

Customers have a choice of single or two-leaf standard sliding doors. The standard sliding door has an opening width of between 800 mm and 3 000 mm, and the strongest model takes door leaf weights of up to 2 x 200 kg. Alternatively, our two or four-leaf telescopic sliding doors are equally attractive and reliable, allowing for a greater range of motion. Thanks to their narrower door leaves, they require approximately 30% less space than standard sliding doors, and can cover opening widths of up to 4 000 mm.





hoffmann automobile og

Öffnungszeiten

Werktag  
Mo - Fr: 08:00 - 12:00 13:00 - 18:00  
Sa: 09:00 - 16:00

Wochenende / Feiertage Service

Mo - Fr: 07:00 - 12:00 13:15 - 18:15

Center People Workshop

Reparatur  
gerne auch günstig

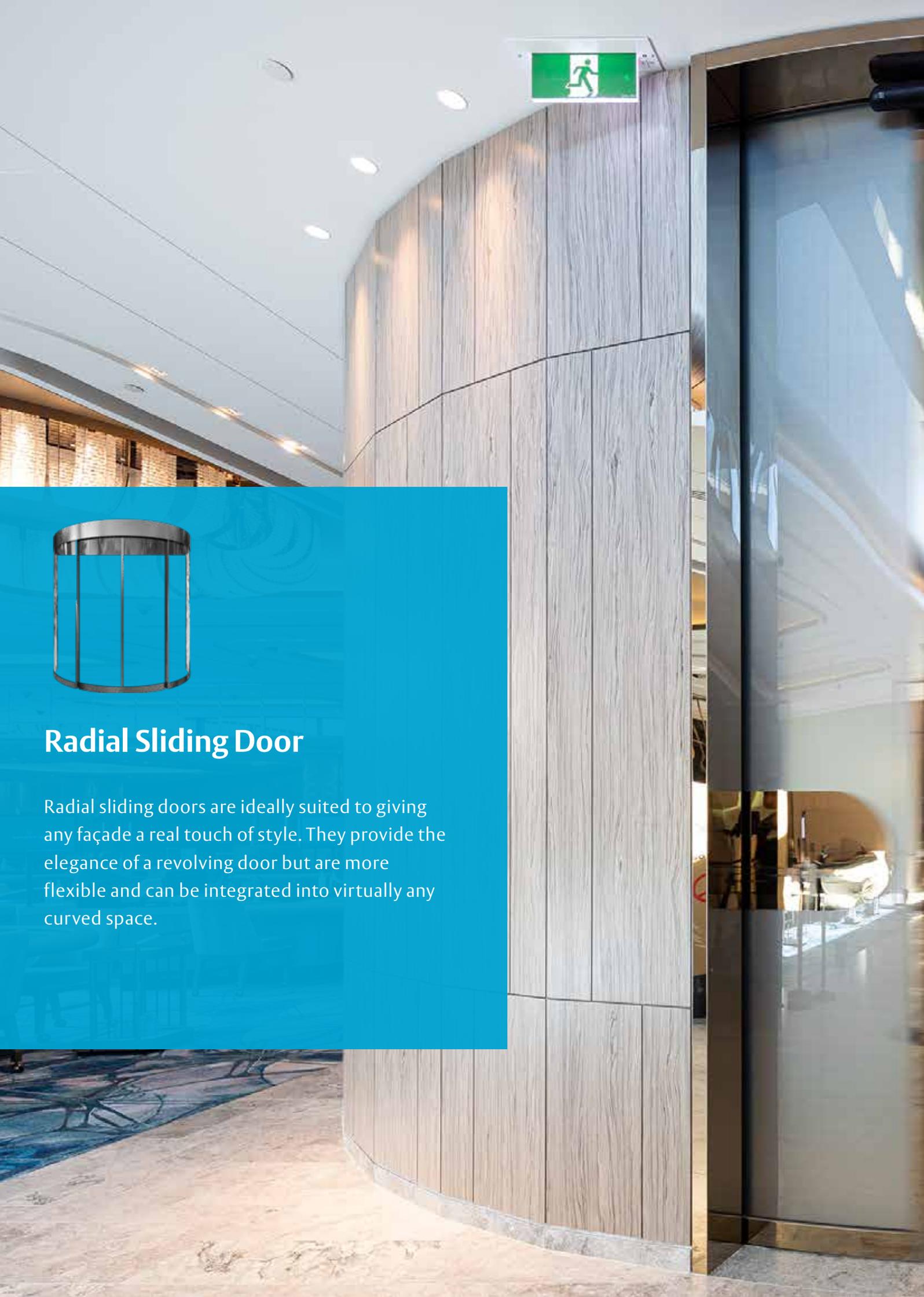
Permanente 24h / 24h

Hotline: 0844 204 244



## Specifications

Door type	mm	One or two leaves
Opening width mm	mm	800 – 3000
Clear height of passage	mm	3000
Door leaf weight max.	kg	2 x 120
Escape route systems (electrically)	kg	2 x 150
For most normal applications		For most normal applications



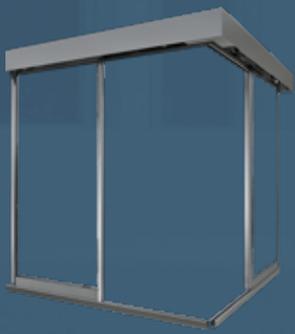
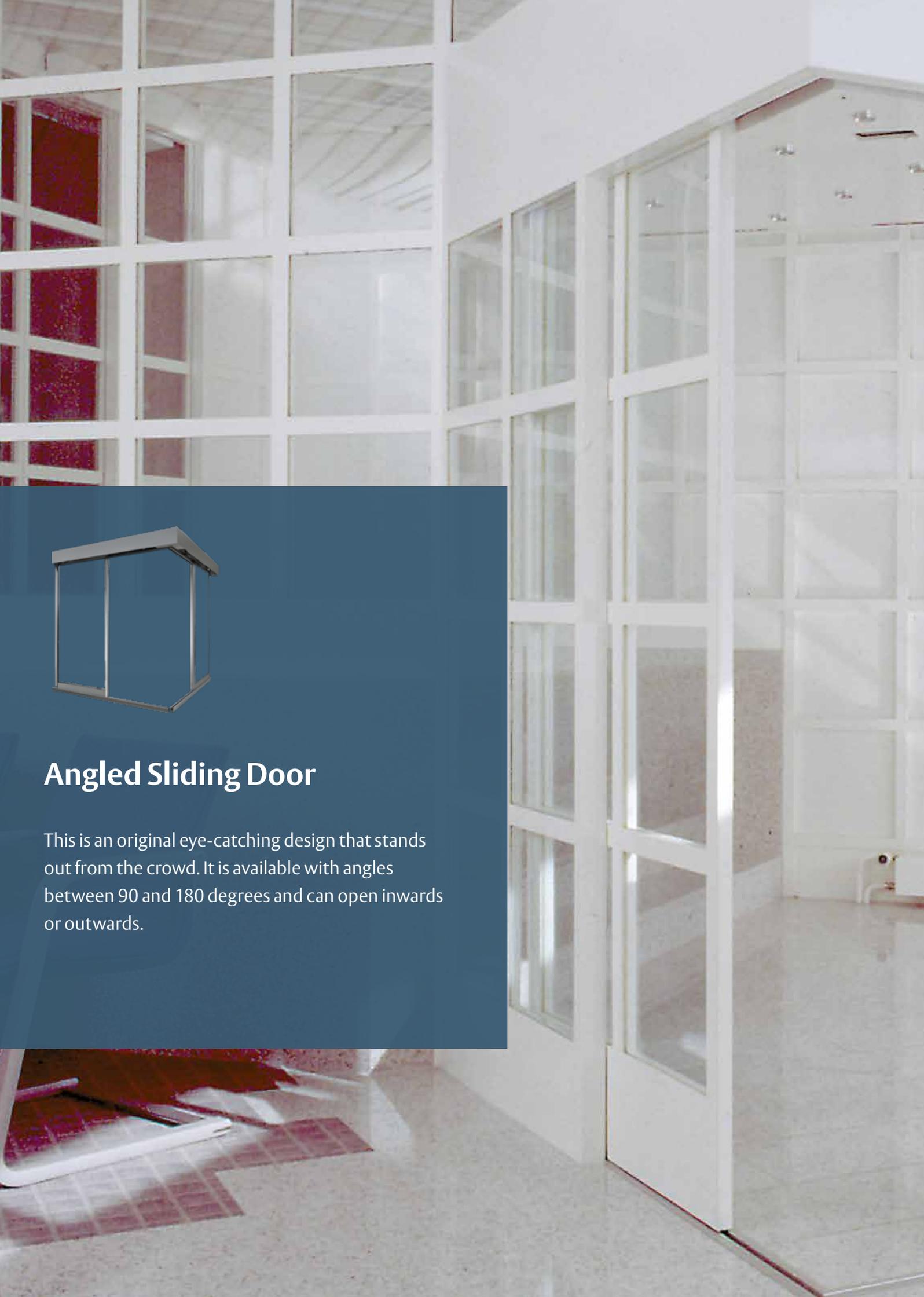
## Radial Sliding Door

Radial sliding doors are ideally suited to giving any façade a real touch of style. They provide the elegance of a revolving door but are more flexible and can be integrated into virtually any curved space.



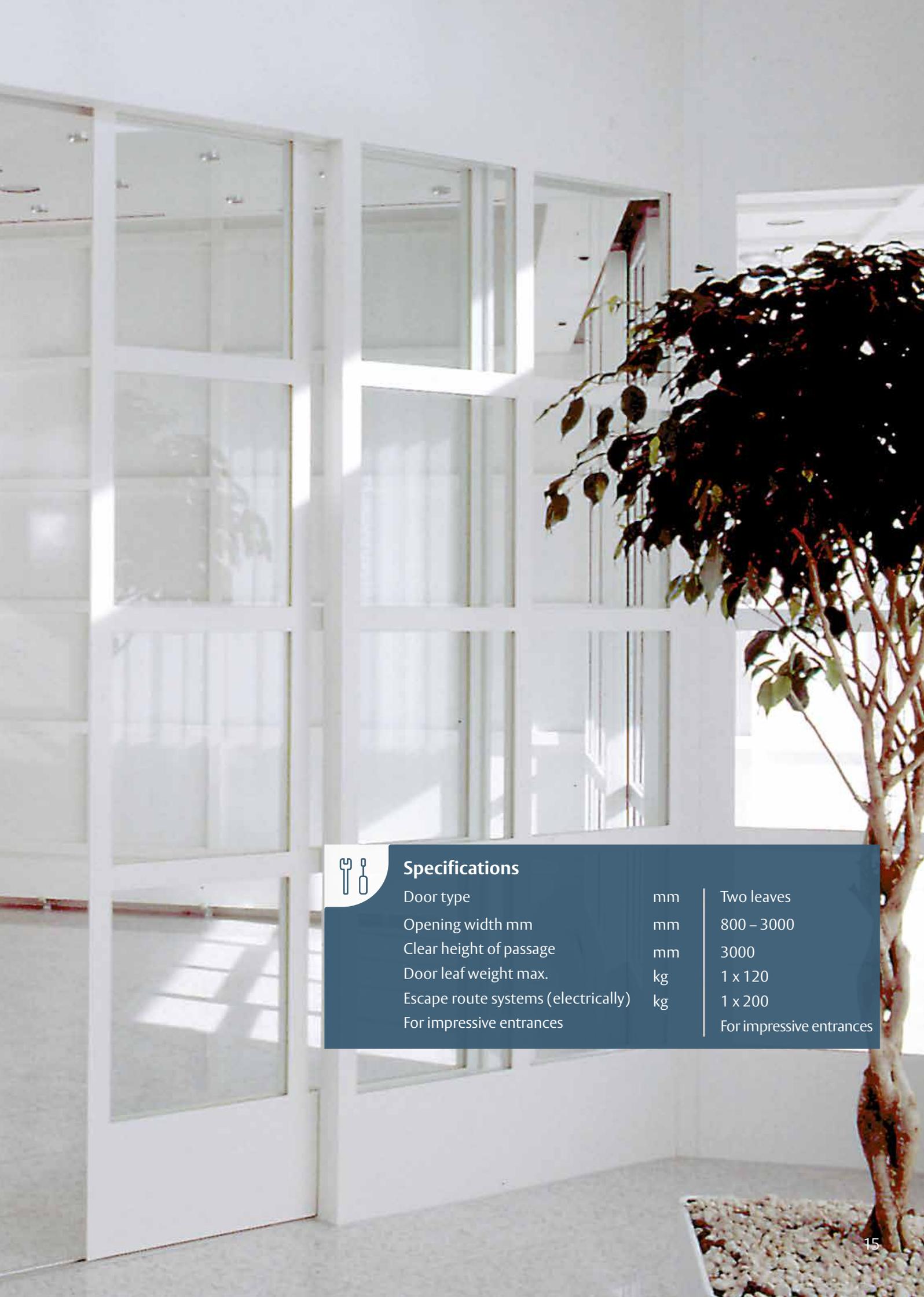
## Specifications

Door type	mm	One or two leaves
Opening width mm	mm	800 – 3000
Clear height of passage	mm	3000
Door leaf weight max.	kg	1 x 200 or 2 x 100
Escape route systems (electrically)	kg	1 x 200 or 2 x 100
Recommended application		For elegant entrance solutions



## Angled Sliding Door

This is an original eye-catching design that stands out from the crowd. It is available with angles between 90 and 180 degrees and can open inwards or outwards.



## Specifications

Door type	mm	Two leaves
Opening width mm	mm	800 – 3000
Clear height of passage	mm	3000
Door leaf weight max.	kg	1 x 120
Escape route systems (electrically) For impressive entrances	kg	1 x 200 For impressive entrances



← (Way out icon) Way out Town centre south / Shops



## Folding Door

Where limited space in a passage area excludes the use of sliding doors, which require a side space to slide into an opening, SL600-FD automatic folding door provides a good solution and can be adapted to suit many situations and provide the perfect solution where space is limited, no compromise!

Bus Interchange  
Rail Interchange

Town centre north / Shops

Way out  



### Specifications

Door type	mm	Two or four leaves
Opening width mm	mm	800 – 2000
Clear height of passage	mm	250
Door leaf weight max.	kg	2 x 37.5 or 4 x 37.5
Escape route systems (electrically)	kg	–
Recommended application		For tight spaces and simple retro-fitting

# Non-standard applications

SL600 products are also available for use as escape doors or specially equipped for special applications.

## Door systems for escape routes

### Electrical

The redundant model (RED) consists of two drive units, two independent controls and a rechargeable battery in case of loss of power.

### Mechanically

For escape routes in the French market, we offer a solution with mechanical force storage according to CO48.. Our standard sliding doors and folding doors can also be ordered equipped with the Break-out system. The door leaves can swing open in the direction of escape, providing the largest possible width of passage. Doors with swing-out side screens can also be integrated into the Break-out system.

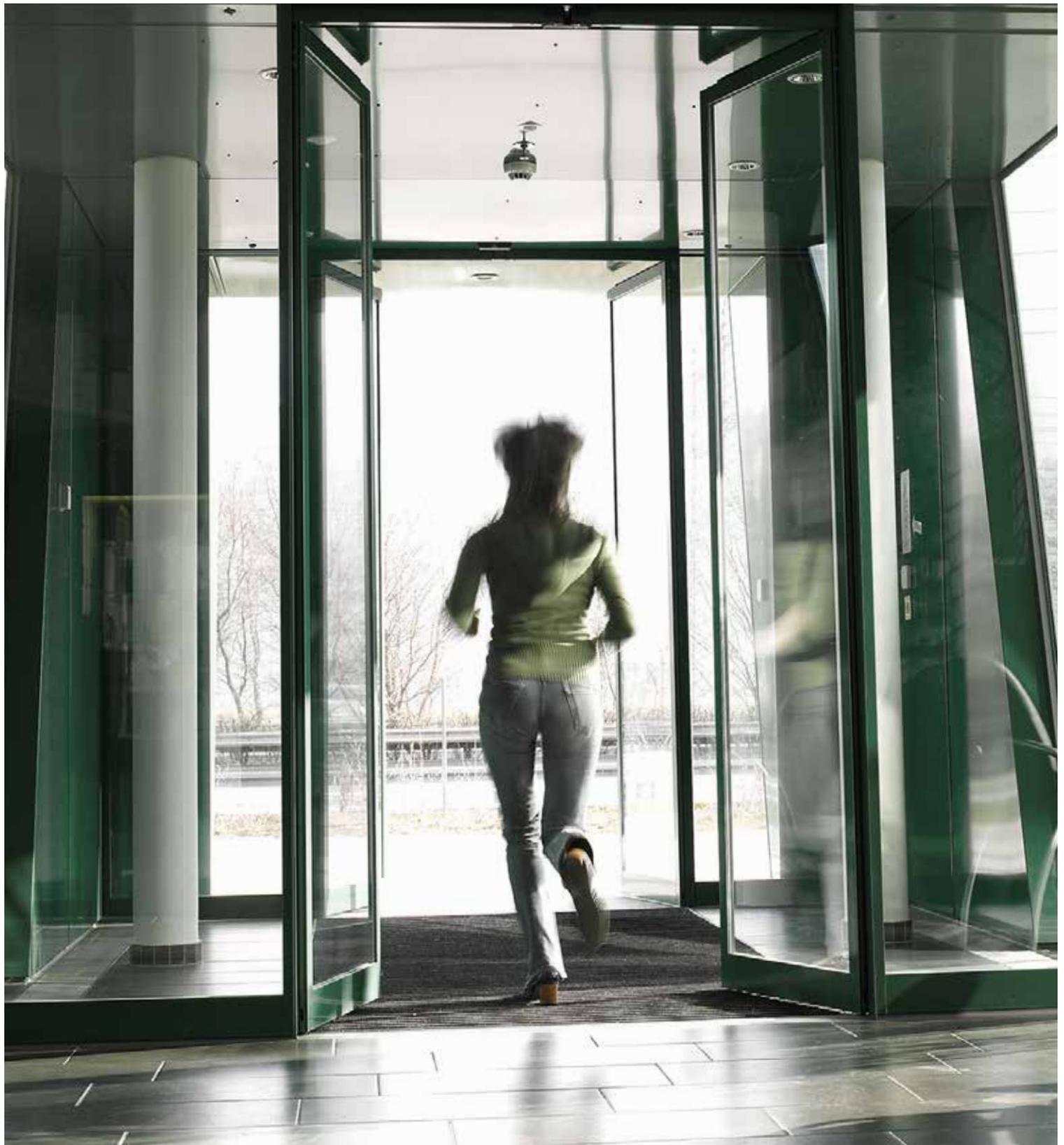
### Special applications

Our hermetic automatic door models are used when there are requirements for hermetic seals with clearly defined properties. This is particularly appropriate for medical facilities and areas such as operating theatres where maintaining a sterile environment is imperative. The doors have hermetic closing and easy-to-clean qualities, making them a popular choice. These tightly closing sliding doors are available as single or bi-parting models.

The German institute ift Rosenheim has certified the System 20, 32 mm profile with RC 2 according EN 1627. This means that it provides effective but unobtrusive protection against intruders. In addition to having multi-point locking, reinforced running gear and continuous floor guides, this model features special laminated safety glass and a reinforced door leaves with steel plates.

### Other solutions

We are dedicated to offering our customers everything around the door. Whatever the application, we are happy to provide bespoke systems. Whether you require a drive unit for swing doors, one way access systems, or representative revolving doors, we are here to help. Talk to us to explore the options and get the necessary information on anything from components to service. Please ask for our detailed brochure.



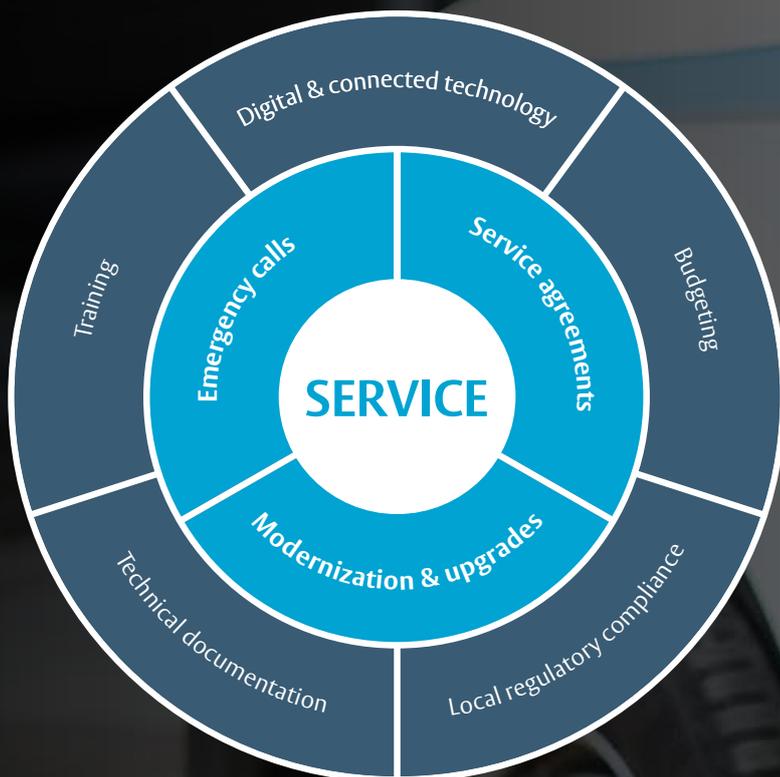
Door type	Escape route systems	
	Electrical Redundant model	Mechanical Break-out / CO48
Standard sliding door	●	●
Telescopic sliding door	●	
Radial sliding door	●	
Angled sliding door	●	
Folding door		●

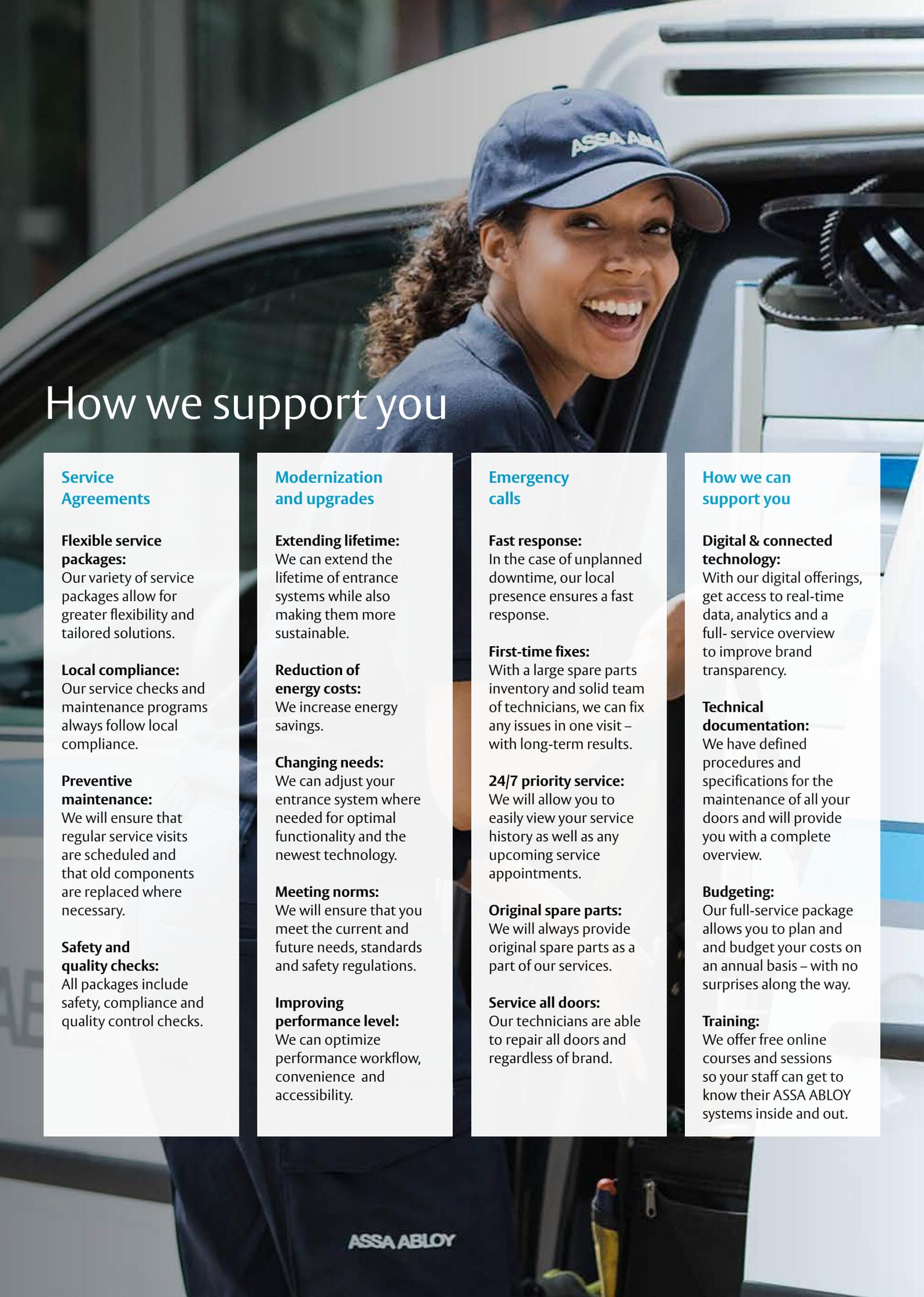
# Essential service and beyond

Regular maintenance is essential to ensure the doors functioning at the highest level in accordance with safety regulations. Maintenance is not carried out automatically during the warranty period and it is recommended that customers sign a maintenance agreement within six months of installation to provide peace of mind and help reduce operating and maintenance costs over the life of the product.

The ASSA ABLOY sliding doors are manufactured to the highest quality standards and if maintained correctly will last decades, providing trouble free safe access to sensitive and vulnerable areas.

Our service technicians are available to respond to any queries. In the event of a malfunction of your automatic door, our schedulers will immediately organise an appointment with a nearby service technician. Our intuitive service app can be installed on tablets and mobile devices to support technician during service and maintenance work. With a user-friendly interface and downloadable updates, the app facilitates rapid troubleshooting, and the help function allows users to request remote support if required.





# How we support you

## Service Agreements

### Flexible service packages:

Our variety of service packages allow for greater flexibility and tailored solutions.

### Local compliance:

Our service checks and maintenance programs always follow local compliance.

### Preventive maintenance:

We will ensure that regular service visits are scheduled and that old components are replaced where necessary.

### Safety and quality checks:

All packages include safety, compliance and quality control checks.

## Modernization and upgrades

### Extending lifetime:

We can extend the lifetime of entrance systems while also making them more sustainable.

### Reduction of energy costs:

We increase energy savings.

### Changing needs:

We can adjust your entrance system where needed for optimal functionality and the newest technology.

### Meeting norms:

We will ensure that you meet the current and future needs, standards and safety regulations.

### Improving performance level:

We can optimize performance workflow, convenience and accessibility.

## Emergency calls

### Fast response:

In the case of unplanned downtime, our local presence ensures a fast response.

### First-time fixes:

With a large spare parts inventory and solid team of technicians, we can fix any issues in one visit – with long-term results.

### 24/7 priority service:

We will allow you to easily view your service history as well as any upcoming service appointments.

### Original spare parts:

We will always provide original spare parts as a part of our services.

### Service all doors:

Our technicians are able to repair all doors and regardless of brand.

## How we can support you

### Digital & connected technology:

With our digital offerings, get access to real-time data, analytics and a full-service overview to improve brand transparency.

### Technical documentation:

We have defined procedures and specifications for the maintenance of all your doors and will provide you with a complete overview.

### Budgeting:

Our full-service package allows you to plan and budget your costs on an annual basis – with no surprises along the way.

### Training:

We offer free online courses and sessions so your staff can get to know their ASSA ABLOY systems inside and out.

The ASSA ABLOY Group is the global leader in access solutions.  
Every day, we help billions of people to experience a more open world.

**ASSA ABLOY**  
Entrance Systems

ASSA ABLOY Entrance Systems provides solutions for efficient and safe flow of goods and people. Our offering includes a wide range of automated pedestrian, industrial and residential doors, loading dock equipment, perimeter fencing and service.

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