

# TORMAX T2 Series

Automatic Sliding Door Systems



★★★★★  
**TORMAX**





## **TORMAX T2 Series**

### Automatic sliding door systems

TORMAX T2 sliding door systems offer convenience with both interior and exterior doors, regardless of footfall volumes. People passing through appreciate the pleasant sideways motion of the sliding door panels out of the passage.

This type of door is also extremely resilient, working effortlessly even under high wind loads. Its smooth operation, powerful drives and premium design make it the preferred choice for public buildings and offices.

Choose a TORMAX T2 sliding door for a durable solution at the leading edge of technology.





## **TORMAX T2 Series**

The complete range  
of automatic sliding door systems

### **> TORMAX T2 opac**

Sliding doors with non-transparent panels,  
from standard models to highly sophisticated  
applications

### **> TORMAX T2 classic**

Glass sliding doors with solid frames and versatile  
functionality

### **> TORMAX T2 contour**

Glass sliding doors with slim profiles and large  
glass surfaces

### **> TORMAX T2 infinite**

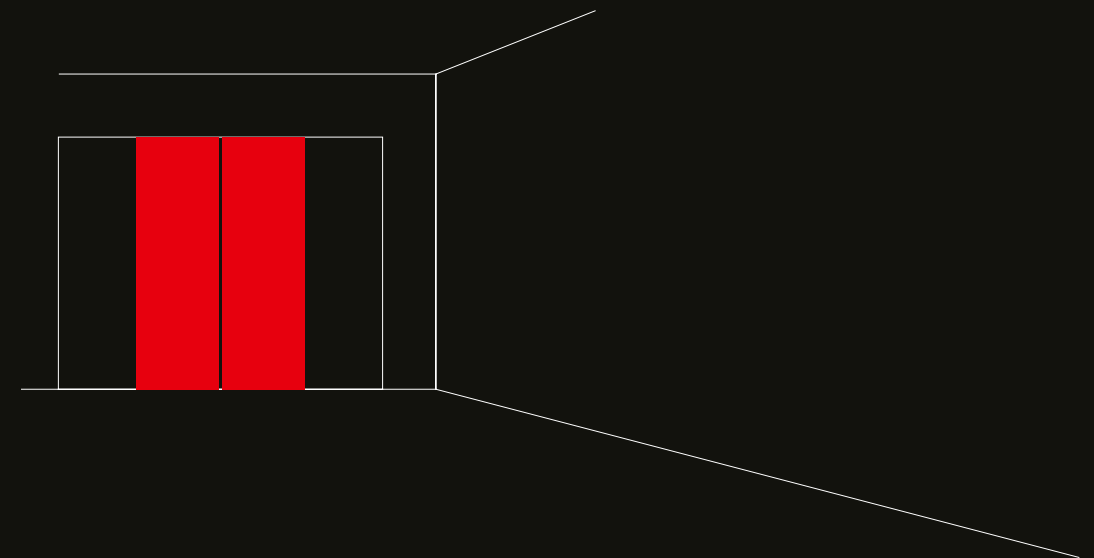
All-glass sliding doors with slender mountings  
for flawless aesthetic design



## **TORMAX T2 opac**

Sliding doors with  
non-transparent panels

- › Door panels in wood, composite, steel or any other material and various surfaces and finishes, optionally available with personal choice of digital prints in high-resolution, brilliant quality
- › Broad variety of solutions for automatic sliding doors, ranging from entrances with exclusive wooden door panels through to hermetically sealing doors with high-tech composite panels
- › Various features available either individually or in combination: fire-rated, smoke-tight, burglary resistant, hermetically sealed, radiation protected, damp and wet room proofed, sound or thermally insulated



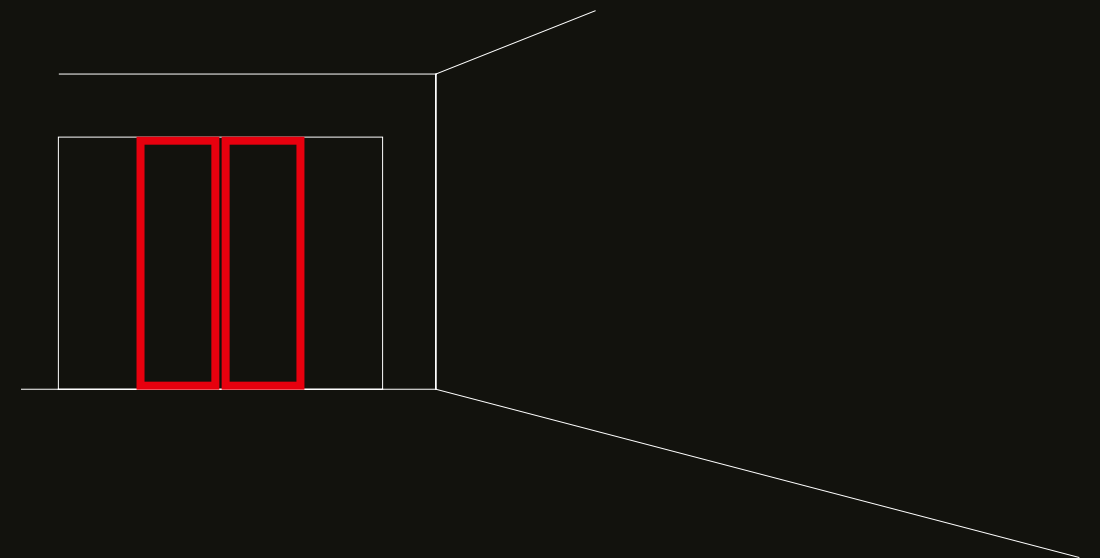




## **TORMAX T2 classic**

Glass sliding doors  
with solid frames

- › The visual lightness of glass combines well with the versatile functionality of a solid frame that withstands high mechanical or physical loads
- › Compatible with any kind of facade system available on the market
- › Robust door profile systems according to standard specifications or with such features as burglary resistance to RC 2 or RC 3, single or double breakout, fire protection and thermal insulation



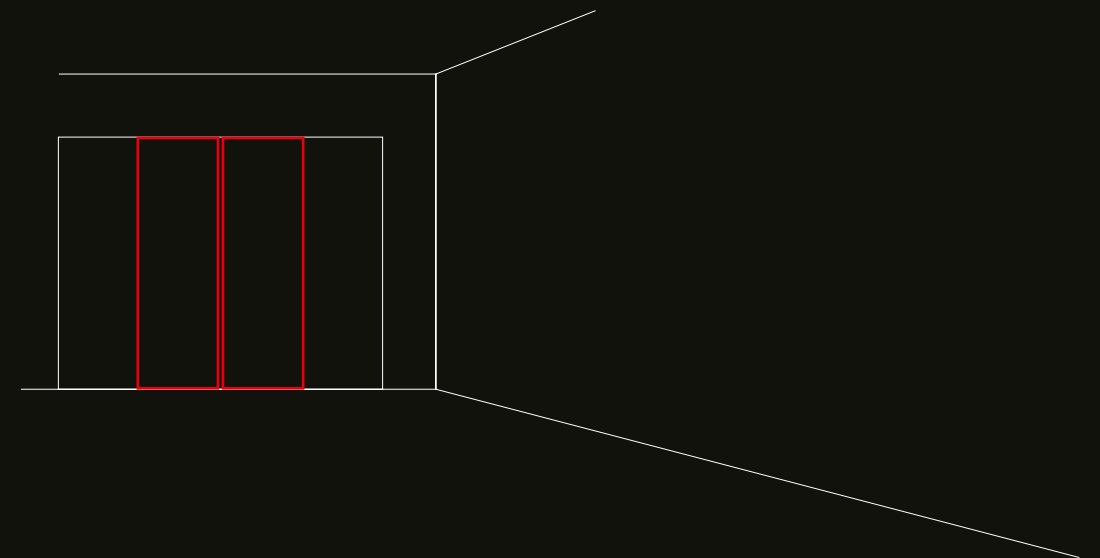




## TORMAX T2 contour

Glass sliding doors  
with slim profiles

- › Maximum transparency with no need to compromise on the functionality of a door thanks to slim, carefully crafted profiles and large glass surfaces
- › The door frames form an integral part of the architectural design, as the profiles can be produced in different colours and surface treatments
- › Door profile systems according to standard specifications or with such applications as burglary resistance to RC 2, breakout and thermal insulation

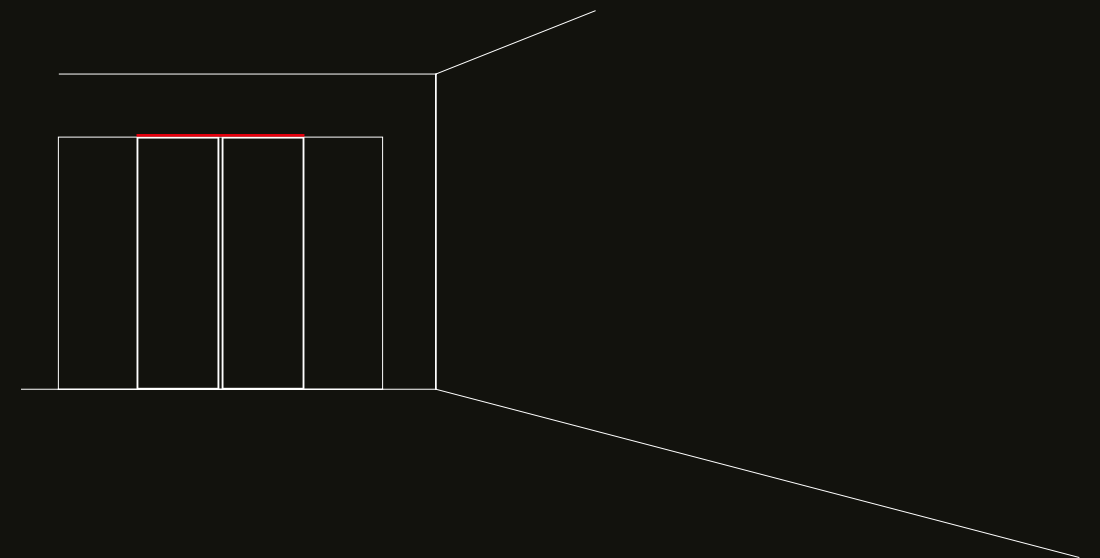






## **TORMAX T2 infinite** All-glass sliding doors with slender mountings

- › Frameless security glass door panels and slender mountings, fully concealed in drive housing as an option
- › Drive system can be recessed into the ceiling for ultimate transparency of the doorway
- › Also available for rescue and escape routes





## Applications

### Modular configuration of automatic sliding doors

The TORMAX T2 Series comprises a wide range of modular applications that can be combined and configured to create an automatic sliding door system that meets your specific needs.

#### Essential

Each TORMAX T2 Series sliding door is built with passion and accuracy, even if it is just a simple single sliding or bi-part sliding door with no special functionality. The basic TORMAX T2 sliding door goes by the name of *essential*.



#### Therm

Thermally broken door profiles combined with insulating safety glass or other low thermal transmittance door panels keep out either the cold or the heat. As such, they increase energy efficiency and the level of comfort within a given building.



#### Fire

The fire application combines the convenience of an automatic door with the functionality of a fire and/or smoke protection door. In daily use, TORMAX fire doors remain open or operate as normal automatic doors. In the event of a fire, the doors close safely to prevent the spread of fire and smoke.



#### Escape

With the escape application, the TORMAX T2 sliding door systems operate as safe emergency exits. They comprise either breakout door panels that swivel out in any position and move aside for maximum opening width or a redundant, independent system for emergency opening. Note that escape routes are subject to local regulations.







#### Secure

Various TORMAX T2 sliding doors are available with a certified burglary protection package according to resistance classes 2 or 3, optionally with thermally broken profiles for added energy efficiency.



#### Acoustic

A sound insulation door is the right choice where silence and confidentiality matter. It effectively reduces acoustic disturbances and can be tailored specifically to your project.



#### Radiation

Radiation protection doors are available in various designs with up to 3 mm lead inlays and can be combined with an additional hermetic seal or with sound insulation.



#### Hermetic

TORMAX hermetic sliding doors are available either as a full hermetic system with sealing on four sides and a door lowering mechanism or as an airtight system with sealing on three sides and no lowering mechanism. This superior quality door system is designed, produced, installed and serviced by TORMAX. It meets the strict requirements of operating theatres, radiology rooms, quarantine zones, laboratories and clean rooms in both research and industry.



#### Humid

Damp-room doors are used for rooms with very high short-term air humidity (up to 100 %) and short-term exposure to splash water or condensation. These doors are best suited for hotel rooms, residential homes and sanitary facilities with poor air ventilation.



#### Wet

Wet-room doors are exposed to dripping water for extensive periods of time as well as to body care products and aggressive floor and tile detergents. These doors are typically used in public showers and baths and in hotel wellness facilities.



# Various door types and drive systems

## The perfect fit

The wide range of TORMAX drive systems facilitates unrivalled possibilities in sliding door automation and enables us to provide convincing solutions where others fail. The drive is the heart of every TORMAX T2 sliding door system and can be made to suit your needs in any given situation.



	Bi-part slide	Single slide, right or left
<b>Linear</b> 	Max. 3000 mm 	Max. 3000 mm 
<b>Telescope</b> 	Max. 3800 mm 	Max. 3800 mm 
<b>Curved</b> 	Max. 3000 mm 	Max. 2000 mm 
<b>Angle</b> 	Max. 1500 mm (each side) 	
<b>Breakout</b> 	Max. 4800 mm (swivelling) 	Max. 2400 mm (swivelling) 

Drive system	TORMAX 2101	TORMAX 2203	TORMAX iMotion 2202	TORMAX iMotion 2302	TORMAX iMotion 2301	TORMAX iMotion 2401
Characteristics	Slim drive for light doors and standard applications	Slim drive for light doors in standard and advanced applications	Slim drive with dynamic performance for demanding applications	Universal drive with dynamic performance for demanding applications	Universal drive with dynamic performance for demanding applications	Power drive for heavy doors and demanding applications
Motor	DC	DC	AC synchronous	AC direct drive synchronous		
Controls	Extendable with basic modules	Configurable, extendable with modules	Programmable, extendable with modules, networkable	Programmable, extendable with modules, networkable		
Drive height (mm)	100	100	100	150	200	200
Opening width, bi-part (mm)	2900	3800	3800	3800	3800	3800
Panel weight (kg)	1 × 100 2 × 100	1 × 130 2 × 120	1 × 130 2 × 120	1 × 200 2 × 180	1 × 150 2 × 130	1 × 450 2 × 300
Optional IP68 and IP65 certification	•		•		•	•



# TORMAX T2 Series

## Overview

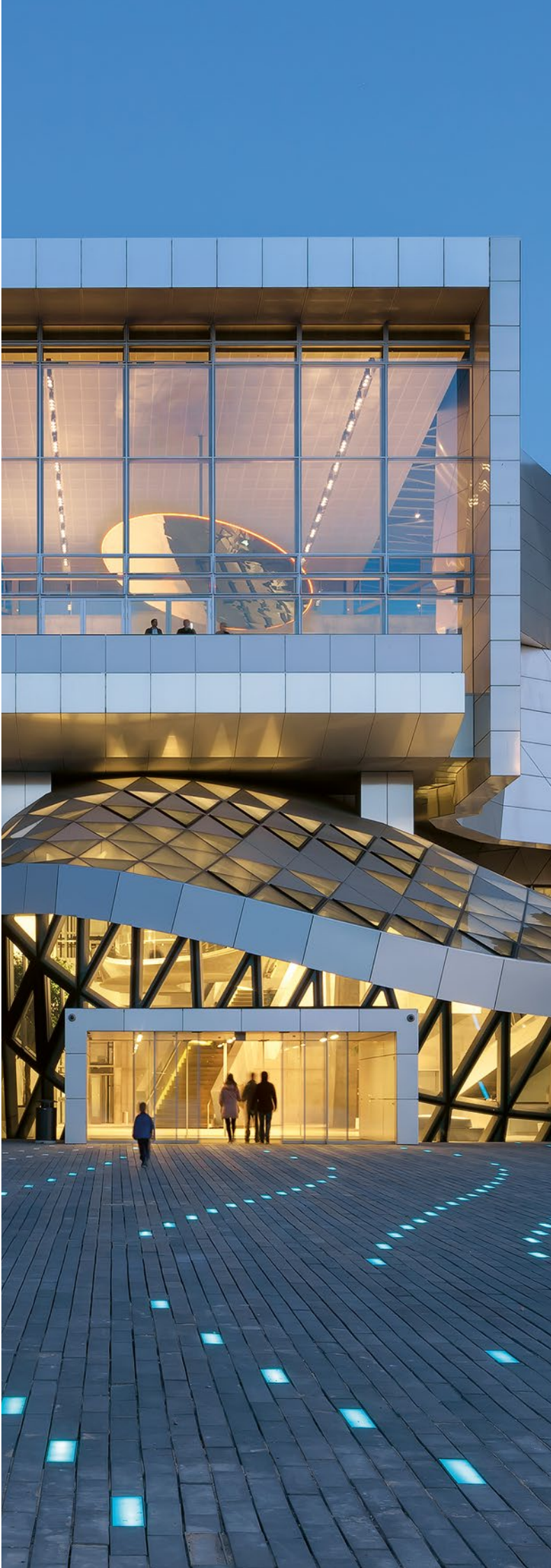
TORMAX T2 sliding door systems are very adaptable. That is why they are always based on a project and configured to the needs of a specific situation, wherever it may be: in a hotel, restaurant, shopping centre, retail store, office building, hospital, nursing home, laboratory, school or cultural building.

	TORMAX T2 opac	TORMAX T2 classic	TORMAX T2 contour	TORMAX T2 infinite
Characteristics	Sliding doors with non-transparent panels	Glass sliding doors with solid frames	Glass sliding doors with slim profiles	All-glass sliding doors with slender mountings
Applications	essential	•	•	•
	therm		+	
	fire	+	+	
	escape	+	+	+
	secure	+	+	
	acoustic	+		
	radiation	+		
	hermetic	+		
	humid	+	+	+
	wet	+	+	+

• standard + option

### Drive operating types

Full power	Multiple sensors ensure fully automatic, secure and contactless operation for maximum convenience and fast opening speeds
Low energy	Automatic door setting with reduced energy and gentle force that reacts immediately when encountering an obstacle





## Why choose TORMAX?

As an architect or building planner, you stand to benefit from the broad discretionary scope the TORMAX T2 Series offers you when you design an entrance. The key issue is to be clear about the complex interaction of parameters, such as the number, shape and design of the door panels, the required applications and local regulations.

An experienced partner will be able to tell you exactly what you need to ensure that you get the perfect fit. TORMAX has been a leading expert in sliding door systems ever since it installed the first automatic door in Europe back in 1951. We have successfully mastered all tasks, no matter how challenging, ever since.

All door systems in the T2 Series are designed, engineered and manufactured by TORMAX. Find out more about the benefits of a TORMAX T2 sliding door system on the following pages.



### **Design**

From standard to unique solutions

### **Drive technology**

Experts in drive systems

### **Safety**

Uncompromising, highly certified

### **Quality**

Convincing performance on all accounts

### **Security**

Protecting people and property

### **Accessibility**

Simple and equitable for all users

### **Sustainability**

Long lifecycle, low environmental impact

### **Service**

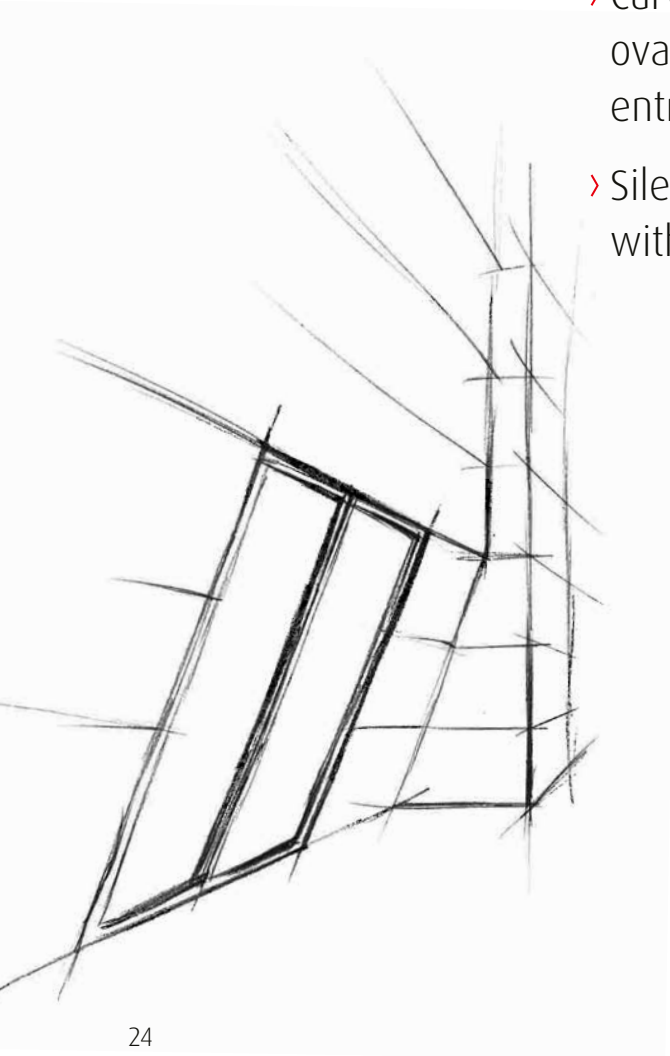
Convenience throughout the lifecycle



## Design

From standard to unique solutions

- › We have the skills and the passion to translate your idea into a visually and functionally superior door system
- › Standard and tailor-made solutions, including extra-tall and heavy doors
- › Free choice of shape, material, surface treatment
- › Optional digital prints in high-resolution, brilliant quality on door panels
- › Curved sliding door systems with circular, arched, oval or sinus shapes for unique and generous entrances
- › Silent and dynamic opening and closing even with very heavy or extra-large door panels



## Drive technology

Experts in drive systems

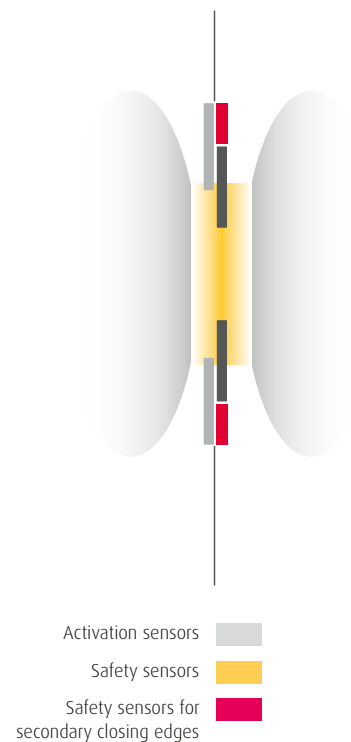
- › TORMAX drive systems: the global benchmark for innovative door automation since 1951
- › In-house engineering and manufacturing of brushless electric motors
- › High-powered, wear-free and highly efficient synchronous motors
- › Exceptionally smooth, quiet and reliable operation due to high torque drives
- › Highly dynamic acceleration and braking and high door operation speeds – up to 1 metre per second – with maximum safety
- › Freely adjustable speed and motion sequence





## Safety

Uncompromising, highly certified



- › Smart sensors and safety features detect people and prevent direct physical contact and injuries
- › Escape route options
- › Door panel reverses immediately if it meets with resistance
- › Secondary closing edges are protected against pinching
- › Certified according to the latest safety standards EN 16005, DIN 18650, CE, UKCA, UL 325 with relevant approvals by accredited certification bodies



## Quality

Convincing performance on all accounts

- › Engineered, manufactured, preassembled and tested at a TORMAX factory
- › Tough quality testing of each drive before it leaves the factory
- › End-to-end TORMAX quality assurance
- › Innovative, durable and low maintenance door systems
- › Installation and on-site adjustment of pre-assembled modules by certified TORMAX technicians
- › Certified to ISO 9001:2015 in engineering, manufacturing, installation and service of electric drives and automatic door systems





## Security

Protecting people and property

- › Secure and convenient entrances that present an elegant integral aspect of the building
- › Seamless integration with access control systems
- › Configuration to specific security requirements
- › Access control with card or fingerprint readers or any other device
- › Secure locking and glazing solutions
- › Emergency stop and locking
- › Emergency opening or closing mechanism
- › Certified burglary protection according to various resistance classes



## Accessibility

Simple and equitable for all users

- › Accessible for all: TORMAX automatic door systems adapt intelligently to the needs of a diverse society and are simple to use
- › Solutions for all doorway types in public buildings, offices and private homes
- › Longer hold-open time for elderly people and wheelchair users





## Sustainability

Long lifecycle, low environmental impact

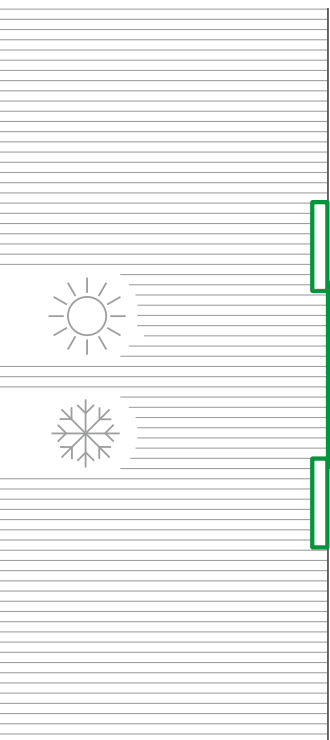
- › Built-in sustainability thanks to quality and durability: fewer replacements, lower raw material consumption and a smaller CO<sub>2</sub> footprint than with other brands
- › Door panels with very low thermal transmittance values increase energy efficiency
- › Default stand-by modes with minimized power consumption
- › Use of recyclable materials and recycling at licensed facilities
- › Eco-friendly packaging



## Service

Convenience throughout the lifecycle

- › Professional maintenance and repair service quality provided by factory-trained TORMAX Service technicians
- › Service technicians available at all times
- › Fleet well-stocked with original TORMAX spares
- › Very low Service costs over the lifecycle compared to other brands due to exceptionally long operating life, wear-free motors, reliable technology, fewer breaks and service calls
- › TORMAX Service contracts ensure ongoing reliability and minimize the risk of an untimely breakdown
- › Your one-stop shop for all automatic door servicing needs and brands





# the passion to drive doors

TORMAX installed Europe's first automatic door in 1951. Today, we are a leading manufacturer of automatic pedestrian and industrial door systems, distinguished by technologically advanced, reliable and innovative solutions.

As an independent Swiss industrial group with global operations, we offer the full range of automatic pedestrian and industrial door systems and ensure their reliable operation throughout their service life.

TORMAX will be pleased to advise you about suitable door systems and support you from design to manufacturing, supervising construction, installation and service.

**Get in touch with TORMAX!**

[www.tormax.com](http://www.tormax.com)