



SPIRAL- DOOR

HIGH SPEED EXTERIOR DOOR
WITH HIGH THERMAL INSULATION

**ITW**
INDUSTRIETORE

**TORMAFA**
Maschinenschutz- und Industrietore



ADVANTAGES AT A GLANCE



Opening speed up to 2.0 m/s



Door size up to 6.000 mm x 6.000 mm



Resistance to wind load up to class 5



Contactless protection by means of a light grid



Energy efficient due to thermally separated profiles



Smooth running due to plastic spiral



RAL color of your choice



Hinged guide rail

SPECIAL FEATURES



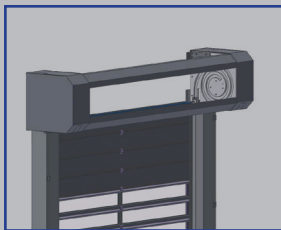
EXTERIOR GATE FOR HIGH FREQUENCIES

Our high-speed spiral doors combine speed with high thermal insulation.

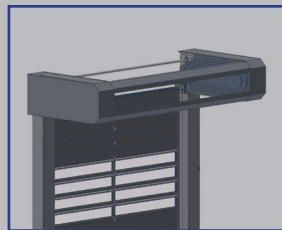
The doors were specially developed for outdoor areas with high frequency requirements. The high-speed spiral door opens significantly faster than a conventional sectional door and is therefore the ideal door system for frequent openings.

The well conceived door leaf guide and the roll-up technology enable fastest opening and closing times. The door leaf is not wound onto a shaft, but is kept at a distance in a space-saving spiral. The door runs quietly and almost wear-free due to the non-contact movement into the spiral.

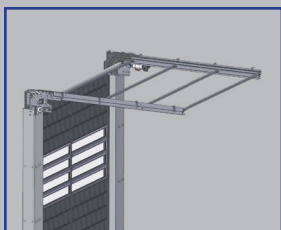
The sections are available with a micro-profile on the outside and inside in RAL 9006 and optionally in large variety of RAL colours.



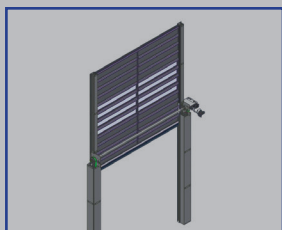
Round spiral



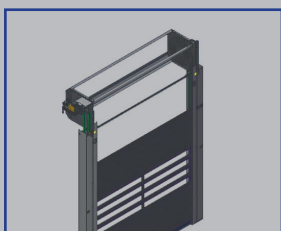
Oval spiral



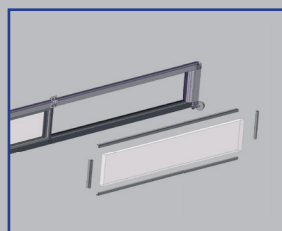
Low camber



Vertical runner



Height guided deflection



Panels & sections quick exchange due to glass retaining strips

TECHNICAL DATA

- DR2100 microprocessor control with main switch and integrated frequency converter
- 230 V/50Hz, IP54 Drive
- Round spiral fitting for approx. 1,000 mm lintel height
- Oval spiral fitting for approx. 745 mm lintel height
- Low lintel fitting for underground garage doors
- Standard: RAL9006 white aluminum, Painting in RAL colors possible various
- Smooth drive-up into a stable and wear-free plastic spiral due to non-contact winding technology
- Smooth running and durable running due to toothed belt transmission
- Track sealing on both sides

SAFETY

- Access protection by means of all-round cladding
- Passage monitoring by means of light grid
- Emergency opening by reel chain
- Signal lights and traffic light control (optional)

OUR FURTHER PRODUCT RANGE

SPIRALTOR (EN) | 31.01.2023 | TECHNICAL CHANGES RESERVED



SPIRAL DOORS



FOLDING DOORS



HORIZONTAL HIGH-SPEED DOORS



VERTIKAL HIGH-SPEED DOORS



SWING DOORS



STRIP CURTAINS



MACHINE PROTECTION DOORS



SECTIONAL DOORS



STEEL / ALUMINUM ROLLER DOORS

SCOPE OF APPLICATION



INDUSTRY



TRANSPORT



LOGISTICS



AUTOMOTIVE



M. PROTECTIONS



CLEAN ROOM



SUPERMARKET



FOOD



COOLING AREA



ATEX

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