



Outside sections
standard with
Microline finish

RAL 9002 or
RAL 9006



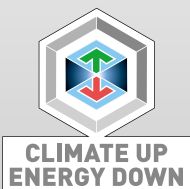
40 mm thick panels

Inside sections standard with
Microline finish in RAL 9002

Also available with
NovoLux window sections

Finger pinch protection

Standard light curtain



NOVOSPEED THERMO

THE SUPERFAST AND SPACE-SAVING SPIRAL-DOOR

PROPERTIES

- max. surface area (WxH) = 25 m²
- max. W x H = 5,000 x 5,000 mm
- U-value at 5,000 x 5,000 mm ISO panels: 1.77 W/m²K
- wind load resistance class 2- 3 (89 - 133 km/h) according to EN12424
- high opening speed up to 1.1 m/s
- low maintenance springless system
- quick and simple installation because of pre-assembled track and drive-system
- EN 13241 compliant



CLIMATE UP
ENERGY DOWN



Intelligent Door Solutions

NOVOSPEED THERMO

The NovoSpeed Thermo spiral door opens 6 x faster than similar sectional doors and is therefore extremely suitable in an environment where you have intensive logistic movements. This door opens fast - depending on the door size up to 1.1 M per second - and real savings on the energy cost can be achieved. A revolutionary spiral system with specially designed rollers has an uninterrupted chain-/steel-cable system with direct drive. This patented system also contributes to the sleek design of the NovoSpeed Thermo. The powerful electric drive has a frequency converter. There is a choice of finishes and controls.

DIMENSIONS	
max. width (W)	5,000 mm
max. height (H)	5,000 mm
max. surface area	25 m ² (350 kg)
openingspeed	1.1 m/s
closingspeed	0.5 m/s
section thickness	40 mm
section joint	Finger-pinch-protection
NovoLux-sections possible	yes
μ value at 5.000 x 5.000 mm	1.77 W/m ² K (complete ISO)

COMPONENTS AND CONSTRUCTION

The NovoSpeed Thermo is a high speed spiral door which consists of Microline sections with a working height of 366 mm. During the opening of the door the sections run along a spiral-shaped rail. A powerful drive allows the door to quickly and silently run along the unique rail system.

MATERIALS

- horizontal sandwich-sections consisting of an outer and inner shell of galvanized steel with a CFC-free polyurethane (PUR) core with finger-pinch-protection
- standard section height 366 mm
- panel thickness 40 mm
- rails made of sendzimir galvanized steel
- vibration-free rollers with ball bearings
- middle hinges in galvanized version
- mounting of door fittings with electrolytically galvanized parkers with serrated fixed ring
- specially developed top and bottom sealing
- unique side seal
- wind- and waterproof seal between the panels

WINDOW OPTIONS

The NovoSpeed Thermo is also available with one or more sections made of anodized aluminium profiles, filled with insulating double glazing.

SURFACE TREATMENT

- the outside of the sections has a polyester-coating in RAL9002 (Off-white) or RAL9006 (aluminium silver)
- the inside of the sections has a polyester-coating in RAL9002 (Off-white)

DRIVE

The door is powered by an electric motor with gear unit. Drive side on the right or left.

Technical details electric drive

- power.....400V 3 ph / N + PE / 50Hz / 16A
- degree of protectionIP 65

PROTECTION

- EN13241 compliant
- safety light curtain (IP65 and to max. height 2,500 mm)
- the door can be manually opened in the case of a power loss
- finger-pinch-protection

STRUCTURAL PROVISIONS AND CONNECTION (by others)

- separate technical data sheets detailing dimensional and structural requirements are available on request
- for both the electric drive and control box a wall socket must be present, within 0.5 m at 1,500 mm height to the left or right next to the door (400V 3 ph / N + PE / 50Hz / 16A)
- the control box is usually fitted on the drive side, at a height of approx. 1500 mm from the floor
- with standard CEE-plug, the control box is IP54 compliant

CONTROL AND OPERATION

The control system has 3 buttons (open-stop-close) and regulates a multitude of functions such as:

- adjustable open time
- service and run mode
- 7-segment display for controlling the various functions
- choice of permanently open or permanently shut

Other forms of operation that can be connected to the standard control box:

- push-button, electronic keypad, pull switch, key-operated switch, photocell, radar, induction loop detection or remote control



Available controls:

TS971, TS981

OPTIONS / ACCESSORIES¹

CONTROL AND OPERATION

- additional controls as described above
- control box directly wired (control box IP65)
- main switch directly wired on the control box (IP65)

PROTECTION

- connection of traffic lights (red/green or red and green)
- Warning flash light (orange or red)

CONSTRUCTION

- customer-specified RAL coating on inside and/or outside of the sections (with the exception of fluorescent and traffic colours)

¹ subject to surcharge