



FLEX | Hard Edge

Attractive, fast and silent

Properties

- max. W x H = 4000 x 5000 mm, max. surface area (WxH) = 20 m²
- wind load resistance class 0 according to EN 12424, or up to 5 Beaufort (29 - 38 km/h)
- opening speed max. 2 m/s, closing speed 0,5 m/s
- 1.2 mm thick door curtain in blue, red, grey, orange, yellow, black or white, including transparent window section
- self-repairing when the curtain has been pushed out of the guides
- self-supporting lateral guides
- EN13241 compliant

NovoSpeed Flex | Hard Edge

The Flex | Hard Edge is an electrically driven High Speed door for inside use in retail, industrial and utility buildings. Designed as a quick and low-noise separation of spaces, the Flex | Hard Edge ensures energy saving, draught exclusion, and climate control.

Dimensions	
max. width (W)	4000 mm
max. height (H)	5000 mm
max. surface area (W x H)	20 m ²
max. wind force	Class 0
lateral space at the guides	160 mm
depth top hood	420 mm
required fitting depth for the top hood	650 mm
required space above	450 mm

Components and construction

The Flex | Hard Edge has a 1.2 mm thick door leaf made of a polyester reinforced PVC with a transparent window section between approx. 1250 and 1850 mm from the floor. The closing side of the door curtain consists of an aluminium bottom beam with rubber sealing profile. The extruded aluminium columns ensure the guidance of the door leaf. These form one taut unit with the brackets for the fastening of the roller and protective hood. From 12 m² door balancing is applied as standard.

Materials

The guides and the bottom beam are extruded aluminium. The roller is aluminium also. The PVC door curtain has a polyester reinforcement inlay. The protective hood is available in PVC, stainless steel, aluminium or galvanized steel. All used PVC parts can be recycled.

Colour

The door curtain is available in the colours blue (standard), orange, yellow, black, grey, red or white and is provided as standard with a window section.

Drive

The drive consists of an industrial tube motor assembled in the roller. As a result the necessary lateral space is minimal. Drive side on the right (standard) or left.

Technical details electric motor

- mains voltage..... LNPE-230V/50Hz/16AT
- degree of protection IP65
- consumed power max. 2 kW

Protection

- the door can be manually opened in the case of a power loss
- standard protected by an IP67 light screen up to 2500 mm height. If the light curtain is interrupted by an obstacle, the door will automatically fully open until the screen is released again.

Performance	
control box with frequency control:	
max. opening speed	2 m/s
max. closing speed	0,5 m/s

Structural provisions and connection

- a flat mounting frame and the necessary mounting space must be available
- exact installation dimensions in the Technical Datasheet
- within a radius of 500 mm of where the control unit **with** frequency control will be positioned there must be a wall socket:
 - CEE-form blue, 1 x 230V fused, slow operation 16 A fitted with a circuit-breaker of at least 300 mA
- 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 unit has 3 buttons (open-stop-close) and a CEE plug, and regulates a multitude of functions such as:

- adjustable open time
- continuously variable speed regulation by frequency control for opening and closing the door
- service and run mode
- 7-segment display for control of the various functions
- permanently open or permanently shut

Additional controls that can be connected to the control box are:

- push-button, pull switch, key-operated switch, photocell, radar, induction loop detection or radio control.
- Other forms of operation on request



Available control:

T100R FU

Extras ¹⁾

Control and operation

- additional controls as described above, other forms of operation on request
- 'half height' setting (for personnel access)
- door interlock control in combination with another door
- control box directly wired (control box IP65)
- main switch directly wired on the control box (IP65)
- illuminated keypad (open-stop-close)

Protection

- mechanical emergency unlocking (after unlocking, the door opens)
- connection of traffic lights (red/green or red and green)
- flashing light (orange or red)

Construction

- guide columns in customer-specified RAL colour (powder coating)

¹⁾ subject to surcharge



www.novoferm.com

For more information:

Novoferm Nederland BV

Tel.: +31 (0)475 346 162

E-Mail: industrie@novoferm.nl

Internet: www.novoferm.com

