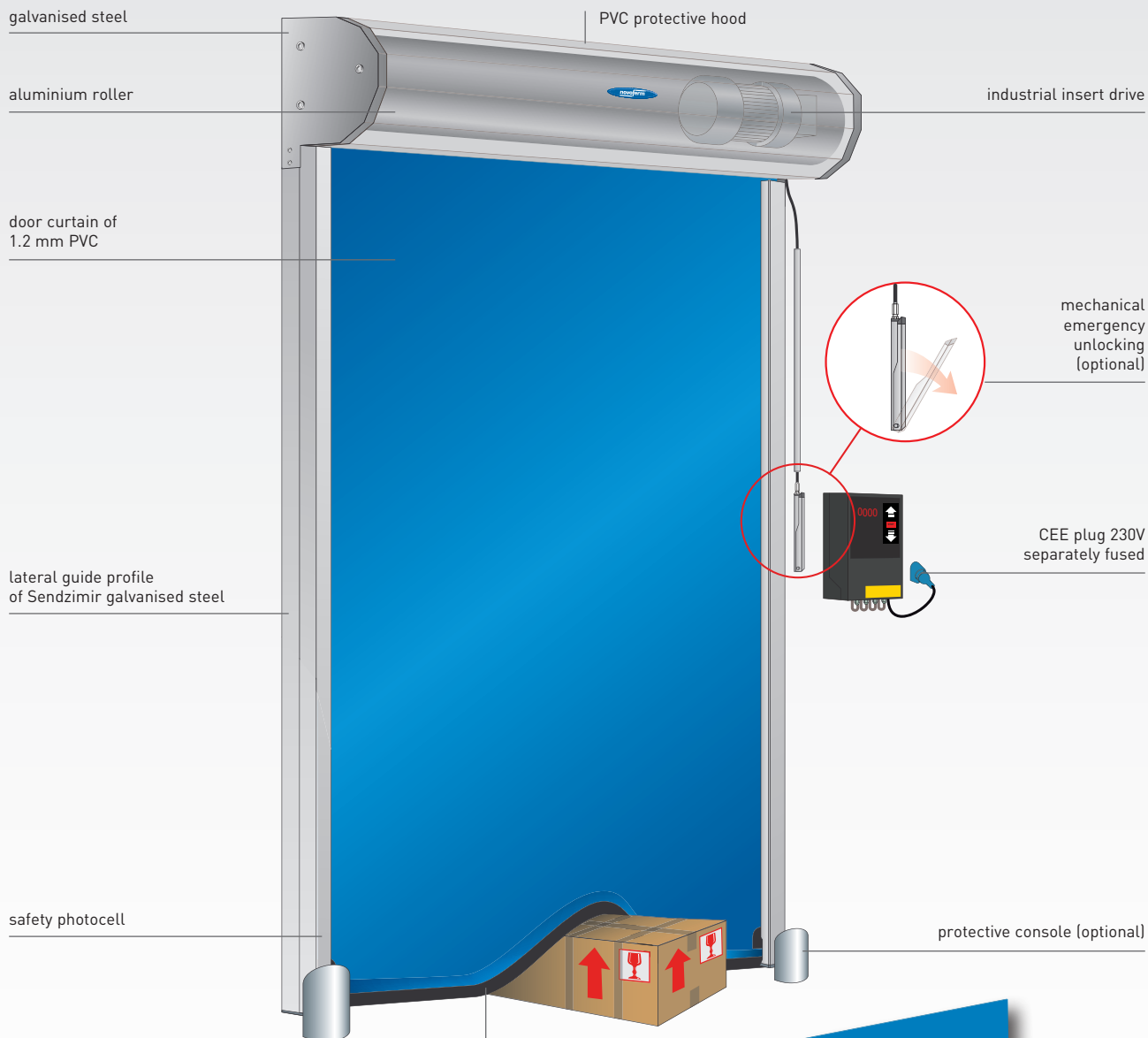


High Speed door Novo Speed Retail

Super fast interior door for retail stores



Properties

- max. W x H = 2250 x 2600 mm
- min. W x H = 700 x 2000 mm
- wind resistant to 3 Beaufort (12 - 19 km/h)
- opening speed max. 2 m/s
- closing speed 0.5 m/s
- 0,7 mm thick door curtain in blue, red, grey, orange, yellow, black or white
- self-repairing



The Novoferm Novo Speed Retail is an electrically driven High Speed door especially designed for use in interior applications such as supermarkets. It can be used for energy saving, draught exclusion, climate control and the partitioning of rooms.

Components and construction

The Novo Speed Retail has a 0.7 mm thick door leaf made of a polyester-reinforced PVC. The closing side of the door curtain consists of a flexible rubber sealing profile. The steel 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. Door balancing is applied as standard.

Materials

The guides are made of galvanised steel. The roller is made of Aluminium. The protective hood is PVC. All PVC parts used can be recycled.

Colours

The door curtain is available in the colours blue (standard), orange, yellow, black, grey, red or white and can optionally be printed with your picture or logo.

Dimensions

- max. width (W) 2250 mm
- max. height (H) 2600 mm
- max. wind force 3 Beaufort (12 - 19 km/h)
- lateral space at the guides 120 mm
- lateral space at the guides (slip on drive)* 250/450 mm
- depth top hood 420 mm
- required fitting depth for the top hood 650 mm
- required space above 430 mm

Drive

The drive consists of an industrial tube motor assembled in the roller. As a result the necessary lateral space is minimal. The drive is on the right-hand side of the roller as standard

Control and operation

The control system 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 controlling the various functions
- choice of permanently open or permanently shut

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

- operation by pull switch, key-operated switch, push-button, photocell, radar, induction loop detection or by radio control with transmitter and receiver.

* required lateral space for mounting slip on drive. There are two versions:
- attach the drive on the shaft **before** mounting the top section, the required lateral space will be 250 mm
- attach the drive on the shaft **after** mounting the top section, the required lateral space will be 450 mm

Performance

- opening speed max. 2 m/s
- closing speed approx. 0.5 m/s

Protection

- safety light curtain (IP65 and to max. height 2500 mm). If this curtain is interrupted by an obstacle the door will automatically fully open until the screen is freed again. This does not apply to the door in closed position.

Structural provisions and connection

- in normal circumstances no special structural provisions are required for the assembly and fitting of a Novo Speed Flex®. The self-supporting construction must only be fixed at the floor and the roller
- there must be a wall socket within a radius of 500 mm of where the control box will be positioned for the electrical connection (CEE form blue, 1 x 230V fused, slow operation 16 A and fitted with an circuit-breaker of at least 300 mA). As standard this is fitted at a height of approx. 1500 mm from the floor on the drive side.

Technical details electric motor

- mains voltage LNPE-230V/50Hz/16AT
- degree of protection IP55
- consumed power max. 2 kW

Extras (subject to surcharge)

Control and operation

- operation by push-buttons, pull switches, photocell, radar, induction loop or by radio control. Other forms of operation on request
- door interlock control in combination with another door
- integrated and illuminated push-button set (open-stop-close) in the guide column

Protection

- connection of traffic lights (red/green or red and green) or orange flashing light
- mechanical emergency unlocking (after unlocking the door opens).
- steel bumpers to prevent damage to the guide columns

Construction

- guide columns in customer-specified RAL colour (powder coating)
- full colour printing of the door curtain (on request).