



**High Speed Doors**



**INTERDOOR**  
SPECIALIST INDUSTRIAL DOORS

***Prime Performance  
Internal  
High Speed Doors***

- Maximum w x h: 3500mm x 3500mm
- Max Opening Speed: 1.5 m/s
- Max Closing Speed: 0.5 m/s
- Wind Resistance: Up to 5 Beaufort
- Door Curtain Thickness: 0.7 mm
- Door Curtain Colours: Blue, Black, Red  
Orange, Yellow, White or Grey
- EN13241 compliant

315 Ideal Business Park, National Avenue, Hull, HU5 4JB

E: [service@interdoor.uk](mailto:service@interdoor.uk)

T: 01482 247 375

W: [www.interdoor.uk](http://www.interdoor.uk)

### PRIME - PERFORMANCE

The **Tornado® Prime** is an electrically operated rapid roll door for internal use, that combines good quality with excellent value for money. Developed for energysaving, draught exclusion and climate control in retail, industry and public utility buildings.

Dimensions	
max. width (W)	3500 mm
max. height (H)	3500 mm
max. wind force	5 Beaufort
required lateral space at the guides	175 mm
required lateral space at slip on drive	285 mm
required lateral space at drive for fitting	395 mm
lateral space at side guide profiles	145 mm
required space above	350 mm

#### Components and Construction

The **Tornado® Prime** is a speed roller door without balance springs, consisting of an electrically driven door curtain rolled up on a roller above the opening. The door curtain is made of extremely durable polyester-reinforced PVC. Also, transparent or insect netting windows are optionally available. The bottom of the door curtain has a solid *HardEdge* bottom beam; however, a flexible *FlexEdge* bottom beam is available as an option. U-shaped columns with side seals ensure lateral guidance of the door curtain. The lateral guides are one unit combined with the bearing plates for secure fastening to the roller and drive.

#### Materials

The door columns are made of 2 hot tip galvanised steel profiles. The front covers are removeable for a fast and simple installation and maintenance. The side seals are specifically tailored for your use. The *HardEdge* bottom beam is aluminium. The optional *FlexEdge* bottom beam is made of soft rubber. The door curtain is 0.7mm thick PVC with a polyester reinforcement inlay.

#### Colours

The door curtain is available in blue, black, white, grey, graphite grey, red, orange or yellow.

#### Drive

The drive consists of an electrical motor with reduction unit. The roller is directly driven. Drive side available left or right (standard). There are two available drives as follows:

#### Mains Voltage without frequency control:

3N~400V/50Hz/16A

#### Mains Voltage with frequency control:

LNPE~3N~230V/50Hz/16AT

#### Degree of Protection:

IP65

#### Consumed Power:

max.1.5kW

#### Protection

- The door can be manually opened in the case of power loss
- Safety photocell at 250mm of the floor

#### Structural provisions and connection

- A flat mounting frame and the necessary mounting space must be available
- Within a 500mm radius of where the control unit will be positioned, mains voltage must be available for electrical connection
- The control box is usually fitted at a height of approx. 1,500mm from the floor on the drive side
- With a 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 opentime
- service and runmode
- 7-segment display for control of the various functions
- Permanently open or permanently shut

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

- operation by push-button, pullswitch, key-operated switch, photocell, radar, induction loop detection or by radio control.

#### Optional Extras\*

#### Control and operation

- frequency control
- additional controls as described above available at surcharge
- control box directly wired (control box IP65)
- main switch directly wired on the control box (IP65)
- door interlock control in combination with another door

#### Protection

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

#### Construction

- higher wind resistance by means of 1.2mm thick door curtain
- flexible rubber '*FlexEdge*' bottom beam
- windows of transparent plastic or mosquito netting
- stainless steel columns
- PVC, metal or stainless steel hood
- Colour printing on door leaf
- Stamoid sound absorbing lining around roller
- Hood and PVC cover in customer RAL colour

315 Ideal Business Park, National Avenue, Hull, HU5 4JB

E: [service@interdoor.uk](mailto:service@interdoor.uk)

T: 01482 247 375

W: [www.interdoor.uk](http://www.interdoor.uk)