

Dortek 360 High Speed Door

Width: max 3500mm

Height: max 3000mm

The Door Panel

New and unique is the door panel with a patented fold which locks the door panel into the frames- a vital safety feature.

The door panel of the 360 is a 2mm, PVC coated double reinforced woven fabric, which is extremely resistant to wear. It has a smooth finish and is resistant to most chemicals and even weld sparks. The door panel also has carbon fibres woven into the fabric to protect it from static electricity. The panel can also be supplied with a seamless, flush joint, vision panel (transparent or bronze coloured). The door panel is available in a choice of standard colours.

Side Guides

The side guides are made from two heavy gauge anodised aluminium profiles which are resistant to most cleaning materials and incorporate seals which fit tightly against the door panel. They can be easily assembled and mounted 5-10mm above the finished floor to facilitate easy cleaning.

Drive Unit

The A-2 drive unit consists of a robust worm gear with a 0,75 kW AC-motor controlled by a PCL and an advanced Vector-inverter. The drive unit is designed to operate the door up to 6 operations per minute and has a pulse coder built into a roller bearing in the gear. Soft start/soft stop is standard and the opening speed can be set up to 2,5m/s.

Controls

The 360 has a flexible control system that can be programmed for all possible control functions.

The A-2 drive includes a text display that is used for programming the control and to provide status-information. Alternative activation is available e.g. radio control, infra red, induction floor loops etc.

Safety

The bottom of the door panel is provided with a self monitoring pneumatic safety edge which immediately reverses the door if in contact with a person or obstruction. To comply with legislation and for optimum safety the sensitive edge is located in a deep profile requiring minimum contact for activation. A photo cell positioned in line with the opening prevents the door from closing or reverses it if the beam is obstructed.

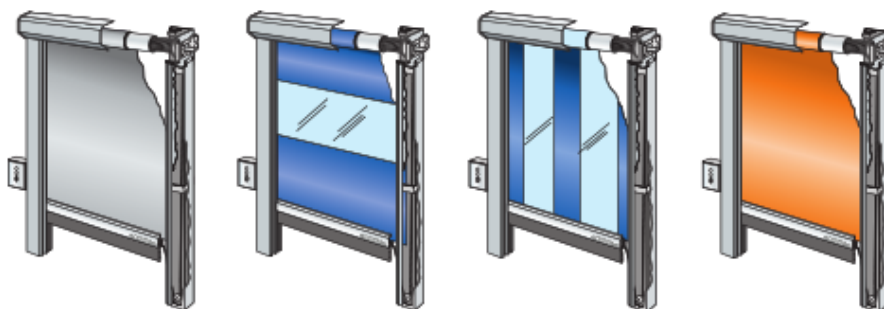
Seals

The vertical side guides incorporate double brush seals and the head a single brush seal which all fit tightly against the door panel. The bottom safety edge profile is enclosed in a hard wearing PVC skirt which seals against the floor and extends into the side guides leaving no "mouse holes" in the bottom corners. The result is an extremely air tight and draught resistant door.



Options

The doors can be customised to suit special requirements e.g. fully automatic opening in case of power failure or fire alarm, transparent door panels, side and top covers in stainless steel, 400V three-phase motors.



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