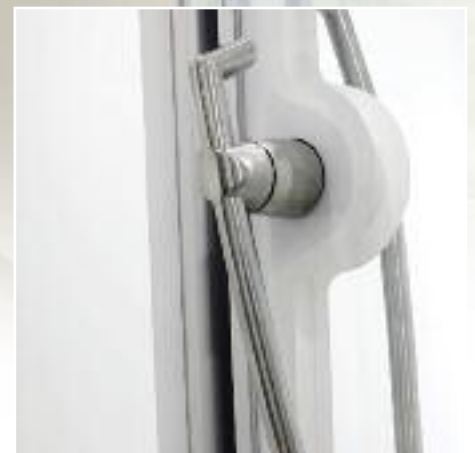


MF5 Hermetically Sealed Glass Sliding Door



Applications:

Operating Theatres
Aseptic Suites
Recovery Rooms
Isolation Wards
Pharmaceutical Cleanrooms

MF5 Hermetically Sealed Glass Sliding Door

The MF5 hermetically sealing glass sliding door was initially designed for use in quarantine rooms. It gives a clear view of the room despite the barrier of the door. This is beneficial to the patient's social well being and gives medical staff good observation. It is now used anywhere where openness and transparency are of great importance.

MF5 Sliding doors

- Sliding doors require much less valuable space than hinged doors and when operated produce far less air disturbance as they slice through the air.
- When closed the unique patented track system allows the door to move down/in under its own weight.
- In conjunction with a continuous neoprene gasket it seals perfectly against the floor and frame.
- The efficiency of the seal has been officially tested and results show it to be over 99% effective thus helping to reduce air handling costs, the incidence of wound infections and cross contamination.
- Furthermore, sound insulation is significantly increased giving quieter conditions for the medical teams and patient comfort.

Glass MF5 door

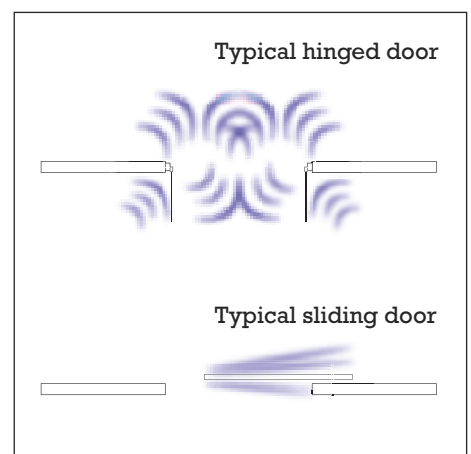
- The door blade is a strong 2 x 6mm thick hard glass panel with flush anodized aluminium profiles giving a smooth flat surface.
- A continuous neoprene gasket is fitted around the doors perimeter.
- A stainless steel lever handle is provided for manual opening.
- Doors can be single sliding or double leaf bi parting.
- A range of frames to suit particular wall construction and thickness are available in aluminium or stainless steel.

Automation

- The spread of infection can be further controlled by automating the doors with touchless sensors allowing handsfree operation
- The intelligent automation sense if an obstruction is present and prevents the door from closing thus eliminating the need for a dirty safety strip.
- Additional safety is provided by means of a photo cell fitted across the door opening.
- The opening and closing speeds, time delay closing and part opening for pedestrian use are easy to adjust.
- A self diagnostic coded system makes fault finding simple, reducing expensive down time.
- Doors can be locked or interlocked to suit individual client requirements.

Sliding doors versus hinged doors

Traditional swing doors create uncontrolled movements of air during opening and closing. This uncontrolled air can accelerate the spread of airborne micro-organisms by air currents and may infect susceptible hosts in operating theatres and isolation wards.



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Patented Track System

The unique patented track system is angled at 45 degrees and special indentations allow the bearings to roll down enabling the door using its own weight to seal perfectly against the frame and floor.



Key Features

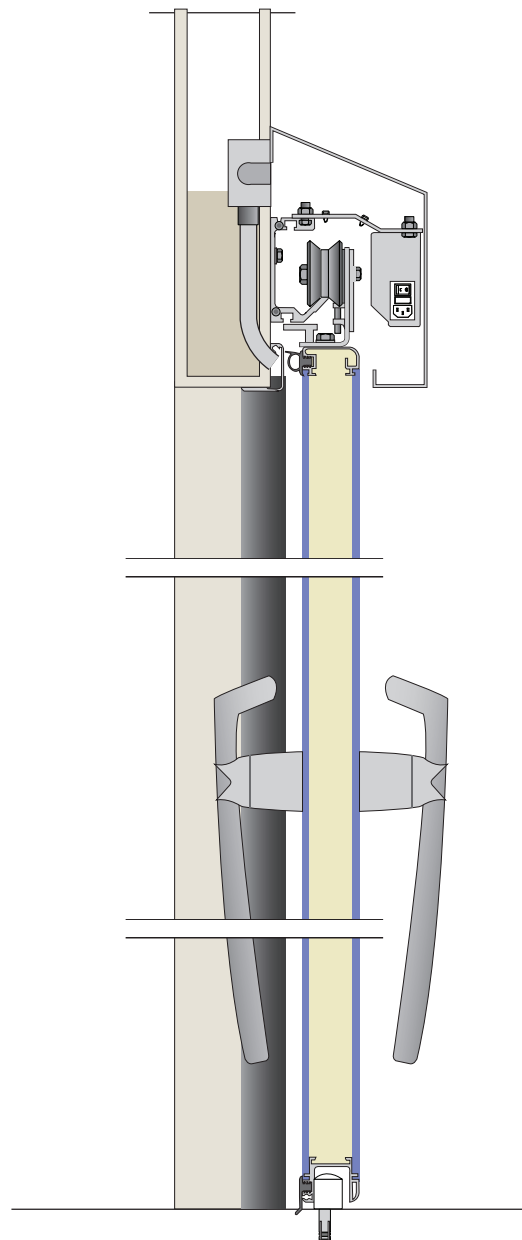
- Maximise natural light
- Bright and contemporary
- Transparent
- Completely flat door panel, no raised edges
- Controls air leakage
- Reduces cross contamination
- No floor track required
- Safe, reliable, low maintenance

Automation Features

- Safe reliable operation
- In built safety sensor eliminates the need for safety strip edge
- Adjustable opening/closing speeds
- Self diagnostic automation reduces down time
- Hands free operating switches
- Doors can be interlocked to suit clients requirements

Floor Sealing System

A tough neoprene gasket seals perfectly against a level floor without the need for a raised threshold. Guiding and sealing cams are fitted outside the clear opening eliminating the requirements for a floor track, allowing free unrestricted access for wheeled traffic.



Dortek door systems



K Type



X Ray



MF5



S Type



Chiller



Fast Acting

Other products from Dortek



Transfer Hatch



Windows



Blinds



Retail

Mobile exhibition

Dortek's mobile exhibition vehicle is available for site visits, demonstrations and CPD's throughout the UK, Ireland and Europe.

With fully automated working models of our hygienic door systems it provides a thorough overview of our product range. This combined with a detailed sales presentation or RIBA accredited CPD by one of our regional managers, offers a unique introduction to the benefits of GRP doors and Dortek's comprehensive service on your own premises.

To arrange a booking e-mail marketing@dortek.com



Service Contracts

Three levels of service contracts to suit individual requirements include:

- Two service visits per annum
- Check and adjustment of key components such as rollers, gear boxes, pivots, sensors and controls
- Recommendations for preventative maintenance
- A full report of all works carried out
- BS7036 trained and certified engineer



Dortek, UK

St Mark Street,
Hull HU8 7ED England
Tel: +44 (0)1482 226848
Fax: +44 (0)1482 226843
email: info@dortek.com

Dortek, Ireland

North Quay, Wicklow Town,
County Wicklow Ireland
Tel: +353 (0) 404 67101
Fax: +353 (0) 404 67012
email: info@dortek.ie

www.dortek.com

