



## Hermetically Sealing Sliding Glass Doors

Single Sliding or Bi-Parting Sliding  
Non Fire Rated, Automatic or Manual



### LEADING-EDGE TECHNOLOGY FOR SUPERIOR HYGIENE PERFORMANCE

The hermetically sealing sliding glass door has been specifically designed for areas where control of air leakage and visibility is essential. The door has a unique, patented track system which enables it to seal perfectly when closed, helping to reduce cross contamination and expensive air handling costs.

Ideal for use in your conditioned areas such as operating rooms, intensive care units, pharmacies, emergency care and quarantine areas. The hermetic glass door is the solution for complete sealing in combination with openness and transparency.

We are market specialists; with over 45 years' experience in providing high performance door solutions to the world's leading pharmaceutical, food and healthcare companies. We take responsibility for the overall planning and coordination of projects in order to deliver a complete solution.

All DorteK products can be supplied as fully-finished doorsets with the door leaf, frame and hardware for a complete, factory-made assembly designed to meet your exacting performance requirements.

### ULTRA CLEAN

Completely smooth and seamless gelcoat finish which is non porous and non shedding. Free from organic materials, ledges, recesses or right angles, for flawless hygiene.

### OPTIMUM PERFORMANCE

Proven to maximise efficiency, safety and hygiene in the most demanding environments. These doors will not rot, rust, swell, warp or corrode. Designed to meet FDA and cGM requirements.

### COMPLETELY TRANSPARENT

Optimizes natural light, contemporary, modern and ideal for maximising visibility in controlled environments.

### AIRTIGHT SEAL

A 99% air tight seal which keeps the overpressure up to 100 Pascal without leakage loss. Creates virtually no air disturbance when operated. Ideal for situations where conditioned or contaminated air is at the other side of the door.

### 100% WATERPROOF

Inorganic closed cell core which does not corrode or absorb moisture. Remains unaffected from exposure to water, steam and chlorine; even after decades of use.

### SUPER CHEMICAL RESISTANT

Smooth, sealed, non absorbent surface which is easy to clean. Excellent resistance to most disinfectants, solvents and strong chemicals, including H2O2.

### UNCOMPROMISING QUALITY

Engineered to offer supreme quality and reliability. We can offer up to a 25 year guarantee on our doorblades.\*



# TECHNICAL FEATURES

## DOORLEAF

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## FRAMES

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## SEAL

- A neoprene gasket is fitted around the door's perimeter for a complete air and smoke-tight seal.

- Guiding and sealing cams are fitted outside the clear opening, eliminating the requirement for a door track.

## RAIL SYSTEM

- Unique, patented track system with nylon bearings for smooth operation, covered by an aluminum or stainless steel canopy

- Special indentations in the track enable the door to slide in at an angle of 45°, for a perfect seal

control safety photo-cell, in-built safety sensor

## AUTOMATION

- Manual or electrical automation micro processor fitted with sensor to open the door if obstructed

## FINISH

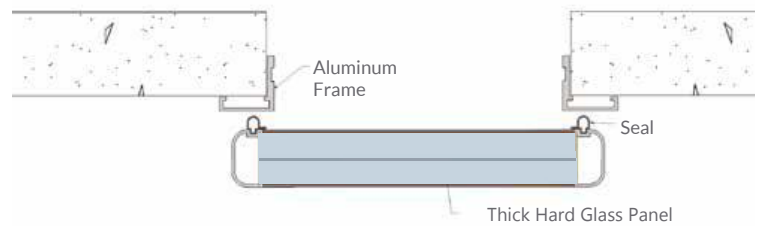
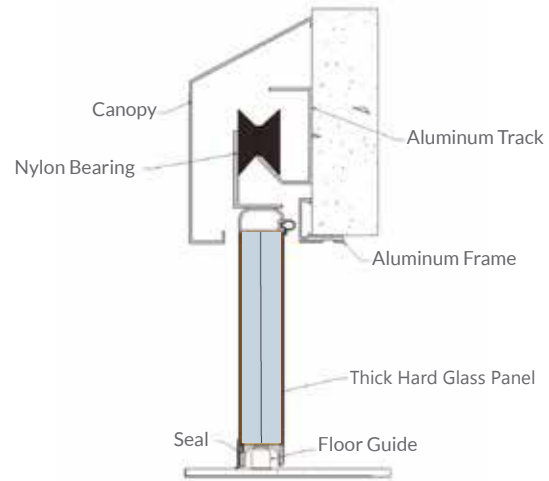
- Easy to clean, low maintenance, smooth, non-porous surface with a choice of colors

## OPTIONS

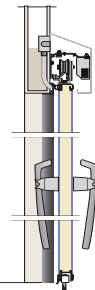
- Available with lead inlay for radiation protection  
- Interlocking systems available  
- Variety of activation devices available upon re-

smart glass or laser protection

# ARCHITECTURAL DETAILS



Hermetic glass sliding door, fixed to aluminum frame



Trackless Floor Sealing System



Patented Track System



Fully Glazed Door

## USA

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