

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 50 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.

COMPLETELY TRANSPARENT

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

INTELLIGENT DESIGN

Proven to maximise efficiency, safety and hygiene in the most demanding environments. Completely flush finish with an air and smoke-tight seal.

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.

ULTIMATE DURABILITY

Extremely strong, reliable and designed for high usage environments. These doors outperform alternatives, bringing you a lifetime of durability and the ultimate cost-effective solution.

MAXIMUM EFFICIENCY

Proven to prevent air leakage and save energy costs. These doors make optimal use of room space and cause less accidents when opening and closing.

UNRIVALLED QUALITY

Engineered to offer supreme quality and reliability.

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TECHNICAL FEATURES

DOORBLADE

Fully glazed with two sheets of 6mm toughened glass. Framed in an anodised aluminium profile. Total thickness 2.36 inches (60mm).

SIZES

Available as single sliding or double leaf bi-parting. Minimum clear opening widths 31 x 31 inches, maximum 59 x 90 inches.

FRAMES

Aluminum corner profile (single or double sided) or Stainless Steel frame.

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 floor 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.

AUTOMATION

- Manual or electrical automation micro processor controlled with safety photo-cell, in-built safety sensor to open the door if obstructed.

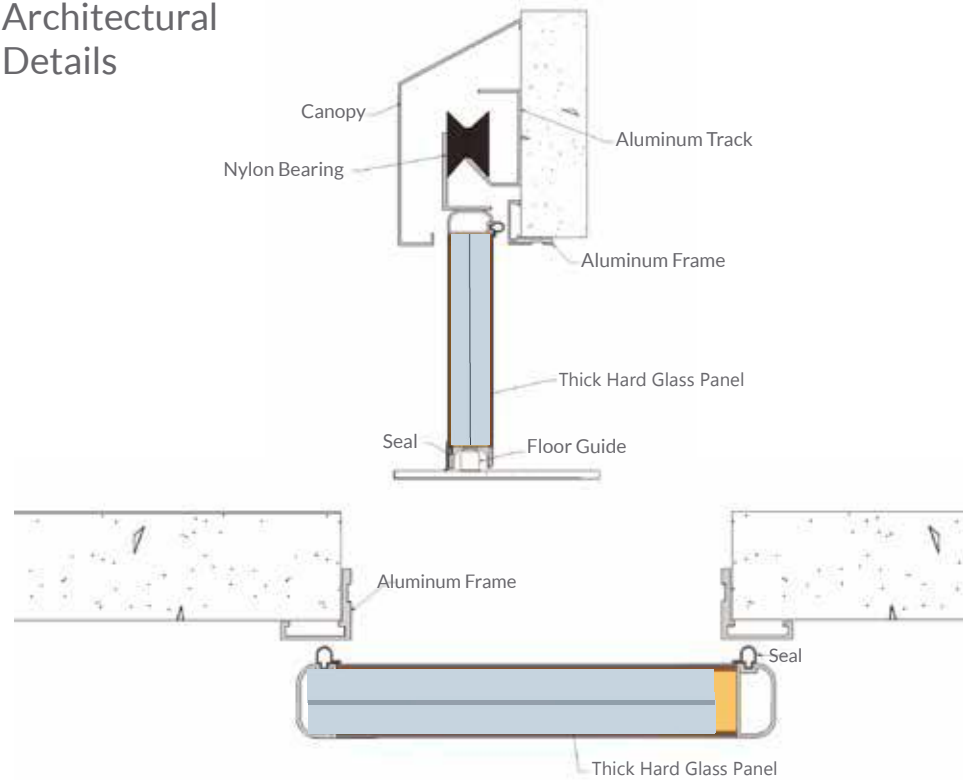
FINISH

- Easy to clean flush surface, low maintenance.

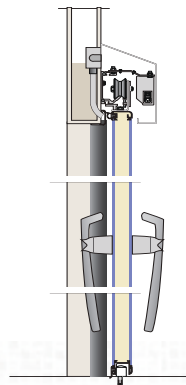
OPTIONS

- Interlocking systems available.
- Variety of activation devices available upon request.
- Several options for automations, control and safety.

Architectural Details



Hermetic glass sliding door, fixed to aluminum frame



Trackless Floor Sealing System



Patented Track System



Fully Glazed Flush Door