

Hermetically Sealing Sliding Doors

Single Sliding or Bi-parting Sliding.
Non Fire Rated, Automatic or Manual



LEADING-EDGE TECHNOLOGY FOR SUPERIOR HYGIENE PERFORMANCE

Dortek doors are specialist hygienic doors of high quality and robust construction which are designed to deliver safety, reliability and efficiency in environments where infection control is critical.

The hermetically sealing sliding door has been specifically designed for areas where control of air leakage 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.

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.

SUPERIOR HYGIENE

Flush seamless surface for a smooth attractive finish which is easy to keep clean. Free from organic materials, ledges and gaps to eliminate breeding grounds for bacteria.

INTELLIGENT DESIGN

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 cGMP requirements.

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 wood and steel 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. We can offer a 25 year guarantee on our door blades*.

COMPLETE TURNKEY SYSTEM

Dortek provides complete access solutions which are individually crafted to meet your specification. We offer a choice of colored door panels, frames, hardware, vision panels, access controls, automations and interlocking.

TECHNICAL FEATURES

DOORBLADE

PU core faced both sides with hard plastic laminate framed in flush anodized aluminum profiles. 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

Available in aluminum or stainless steel frames to suit wall construction.

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

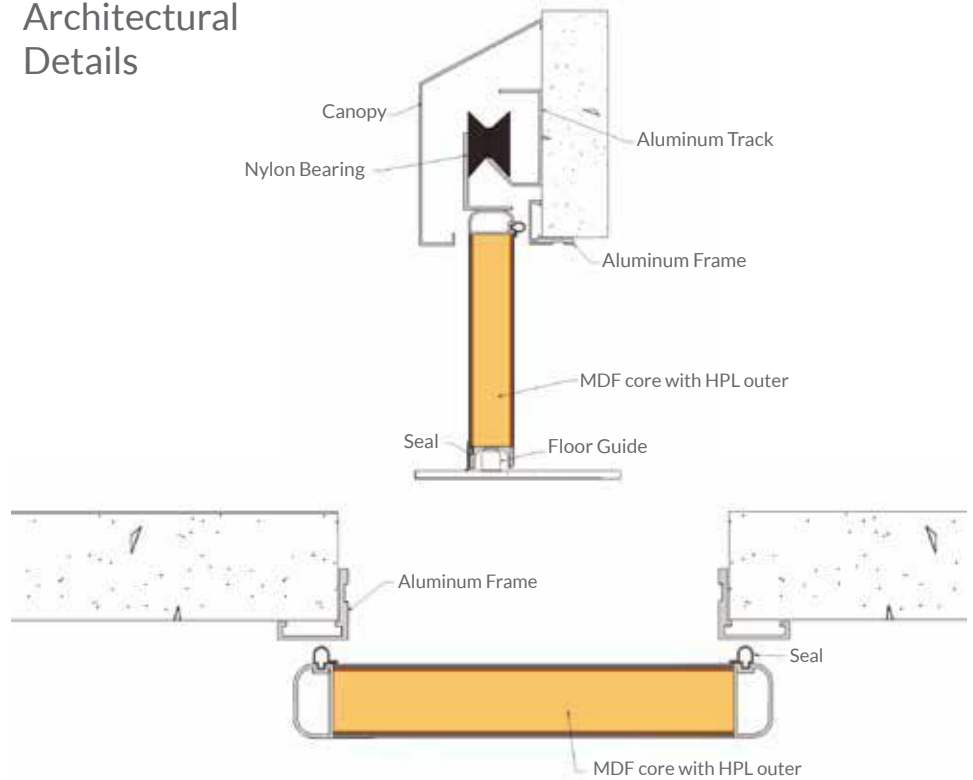
- Easy to clean, low maintenance, smooth, non-porous surface with a choice of colors.

OPTIONS

- Available with lead inlay for radiation protection.
- Interlocking systems available.
- Variety of activation devices available upon request.
- Optional flush vision panels with integral blinds, smart glass or laser protection.

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Architectural Details



Hermetic sliding door, fixed to aluminum frame



Bi-Parting Sliding



Patented Track System



Optional Flush Vision Panels