

Product Showcase – Dortek Hermetic Sealing Sliding Doors



Dortek hermetic sealing sliding doors are specifically designed for use in areas where hygiene and the control of air leakage is critical. 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. Air leakage has been tested independently and results up to 400 Pa pressure are available.



Hygienic Flush Finish

The door blade is manufactured from high technology engineered FRP using a unique closed mould process. This creates a strong, uniform product with no seams or joins on the door surface and no voids, holes or crevices within for bacteria to harbour.

Hermetic Sealing

The doors patented track system, which works in combination with the door's weight, works with a continuous neoprene gasket to create a perfect seal against the doorframe. This seal has been independently tested and found to be more than 99% effective, leaking less than 0.2m³/hr of clean air with a typical pressure differential of 20 Pa.

Smooth Sliding Action

The doors smooth, controlled, sliding action helps to reduce air disturbance and the consequent movement of airborne micro-organisms. The door cuts through the air causing minimal disturbance, whereas traditional hinged doors can disrupt the airflow in a clean area each time they're opened.

Intelligent Automation

The intelligent automation senses 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. Our range of automations can be integrated with a range of access control systems including touchless sensors for effortless, hands free operation.

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.

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.

X-Ray & Fire Protection

Doors can be supplied with up to 60 minutes fire ratings, sound insulation and lead lining.

