

**Applications:**

Cleanrooms

Pharmaceutical

Research Laboratories

API Manufacturing

# Pharmaceutical Doors

Maximum Performance, Safety and Hygiene





over  
**45 Years**  
Experience  
in Pharmaceutical Facilities

## Your trusted partner for hygienic cleanroom doors

Dortek are market specialists; with over 45 years' experience in providing high performance door solutions to the world's leading pharmaceutical companies.

We understand the unique and stringent requirements of high hygiene environments. We understand air flows, work flows, contaminants and local regulations. We know what works and what doesn't. Our product portfolio offers a comprehensive single source for all doors, windows, frames, hardware and automations on a project.

**Dortek is recognized throughout the markets we serve for its commitment to innovation, quality and customer care. Our clients trust our specialist expertise to find the right solution for every project and every door and to deliver that solution on time and to budget.**



## Complete access solutions and services from Dortek

- ✓ Full Project Management
- ✓ Design & Planning
- ✓ Customized Solutions
- ✓ Drawings & Scheduling
- ✓ Code & Regulations Compliance
- ✓ BIM Objects
- ✓ Specialist Manufacture
- ✓ Installation, Repairs & Servicing





- ✓ Bacteria resistant
- ✓ Fire resistant
- ✓ Water resistant
- ✓ Impact resistant

## Dortek FRP Doors

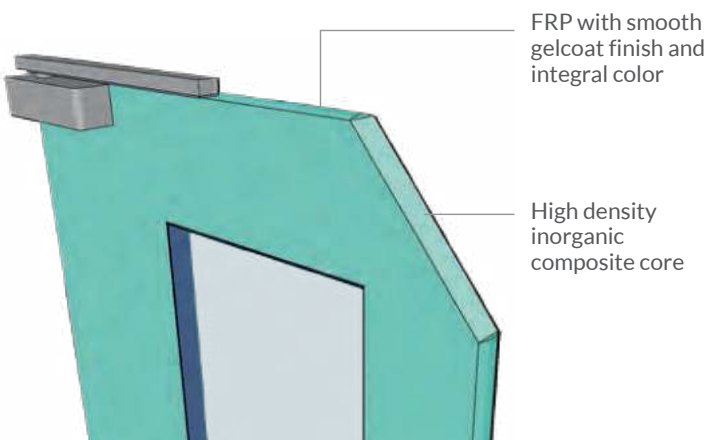
### Engineered for hygiene, strength and longevity

FRP (fiberglass reinforced polyester) is an extremely tough, clean, water resistant material ideal for demanding environments where performance and hygiene are crucial.

Our doors are produced using a unique closed mold process, creating a strong, uniform product with no seams or joins on the door surface and no holes or crevices within.

Unlike alternatives, color is built into the door during the manufacturing process, ensuring that our doors will never require repainting or refinishing.

- Fully encapsulated seamless design
- Free from ledges, voids, holes and crevices
- Easy to clean and disinfect
- Fire, water and chemical proof
- Strong, stable, lightweight, low maintenance
- cGMP and FDA compliant
- Non shedding and will not rot, rust, warp or crack
- Naturally environmentally-friendly: long life expectancy.





**DorteK FRP Doors**

**VS**



**Steel Doors**

### Reasons TO specify DorteK FRP

- ✓ Smooth, seamless, easy to clean construction. Does not harbor bacteria.
- ✓ Will not rot, rust, swell or warp. Completely sealed and impervious to the elements.
- ✓ Unaffected by moisture, disinfectants, chlorine and VHP (vaporised hydrogen peroxide).
- ✓ Choice of gel coat colors which are molded into the door. Never needs painting.
- ✓ 42% lighter than steel, making them much safer and easier to operate.
- ✓ Naturally friendly to the environment. Longevity, cleanliness, strength and stability. Low lifecycle costs.
- ✓ Can be guaranteed for up to 25 years against failure due to corrosion, swelling, rotting, delamination or expansion.

Resistant to water & chemicals. Will not corrode.

Extremely lightweight blade, minimal wear on hinges.



### Reasons NOT to specify Steel

- ✗ Large seams, voids and crevices which are hard to clean and perfect breeding grounds for bacteria.
- ✗ Rusts from the inside out causing health and security hazards.
- ✗ Not waterproof and often oxidizes when exposed to regular cleaning regimes.
- ✗ Unhygienic painted surfaces which mark and dent easily and require continuous maintenance and upkeep.
- ✗ Heavy to operate. Needs expensive maintenance work & replacement due to excessive wear on hinges / closers.
- ✗ Continuous painting / replacement is harmful to the environment. 25 years could see up to 10 replacement doors.
- ✗ The standard warranty for a steel door is only 1 year & this does not cover failure due to corrosive environments.

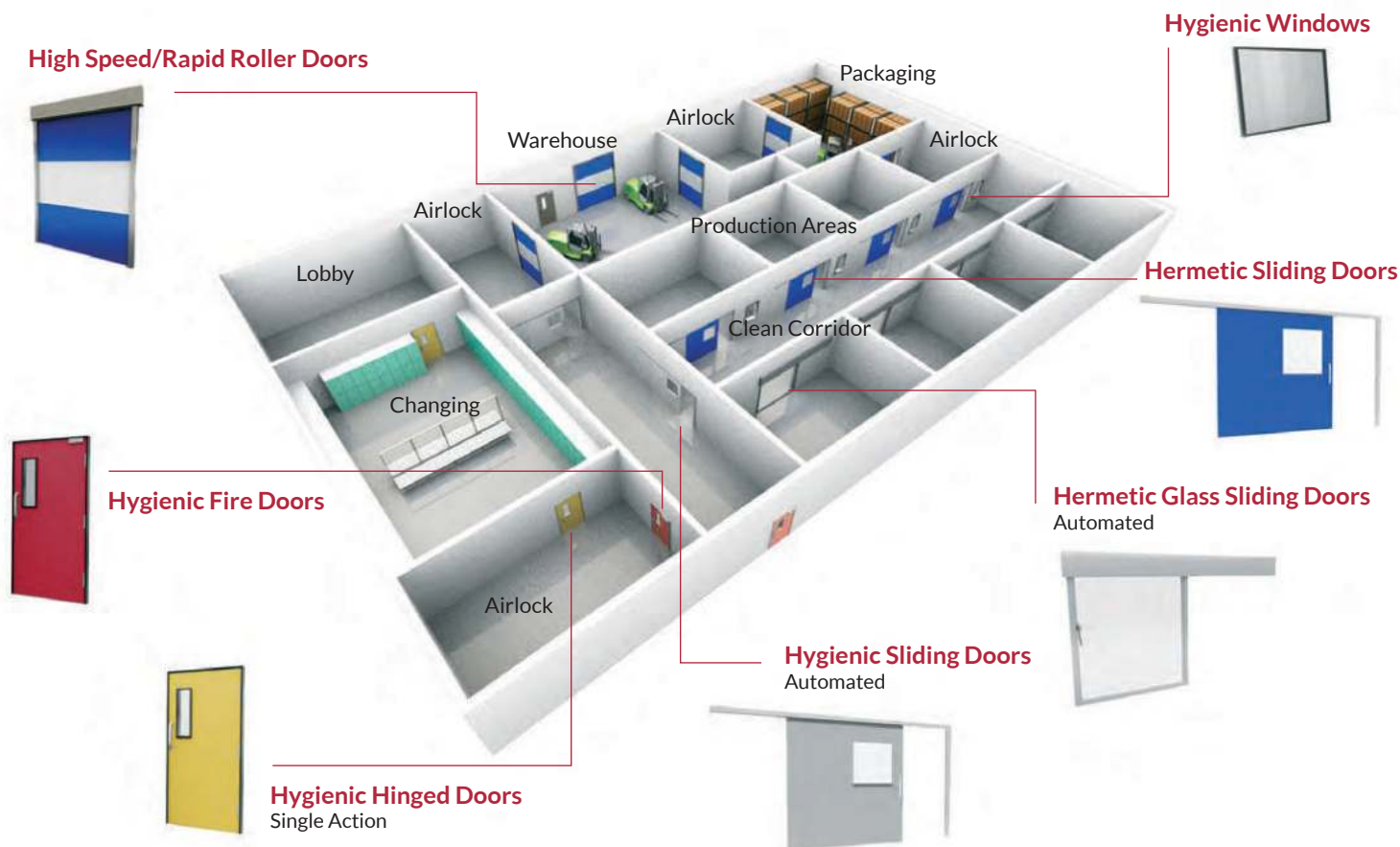
Corrosion on door and frame.

Hinge failure due to weight. Unhygienic crevices & rusting.





# Innovative solutions for a range of pharmaceutical applications



## Door frame options

- FRP frame
- Fire rated FRP frame with patented concealed intumescent strip
- Various stainless steel frames
- Aluminum wrap-around frame for wall panel.

## Wall system integration

Dortek offers a complete line of cleanroom doors and windows designed to integrate seamlessly into wall systems.



# A complete range of door solutions for high performance clean environments

Dortek provide all the services and products that are needed to deliver a comprehensive solution. All Dortek doors can be supplied as complete door systems with the door leaf, frame, hardware, automations and vision panels to provide a fully-integrated system.



## Hygienic Hinged Doors

Our hinged doors are ideally suited to areas requiring maximum hygiene, cleanability and durability. They are extremely strong and durable, yet light and easy to operate. Available as singles or pairs, single swing or double swing.



## Hygienic Sliding Doors

Our sliding doors offer the same hygiene and safety features of our hinged doors, but with the added benefit of wider openings on a durable runner system. Available as single or bi-parting doors.



## Hygienic Fire Doors

Tested for fire resistance to UL10-C standards, our fire doors combine safety without compromising the high standard of hygiene demanded in pharmaceutical facilities.



## Hermetic Sealing Sliding Doors (available in Glass)

These doors are essential for areas where control of air leakage is required. The unique, patented track system has a 99% air tight seal helping to reduce cross contamination and expensive air handling costs. Doors are available in glass or with fire ratings and in single sliding or bi-parting.

## Product Selection

Dortek hygienic doors are designed with safety, style and functionality in mind. Our doors are available in a range of standard or custom sizes, colors and configurations to suit your environment.

## Installation & Servicing

All installations and service calls are carried out by our own fully trained engineers. Please contact us to find out more about our range of service contracts.



### Transfer Hatches

Dortek transfer hatches efficiently move supplies and specimens in and out of clean areas. Constructed from either 304 or 316 grade steel and acrylic or stainless steel framed glass doors. Our range of pass through hatches have either electromagnetic or mechanically interlocked doors to prevent depressurization and minimize the risk of contamination.



### Interlocking / Automated Doors

Our interlocking and automation systems are designed to provide safe, efficient and convenient access in controlled environments. Our systems can be connected to many types of activation devices from a basic push button to a fully-integrated building management system. Our range of manual and automated doors can be interlocked and systems can range from simple two-door interlocking to complex locking sequences.



### Windows & Vision Panels

Dortek windows are double glazed with an ultra clean flush surface. Dortek vision panels can be integrated with our doors to offer enhanced privacy while lowering infection risk and eliminating cleaning costs. Our windows and vision panels can be offered with smartglass, lead, fire and laser protection.



# Pharmaceutical Doors

## United Kingdom

**Dortek Ltd**  
St Mark Street, Hull  
East Yorkshire  
HU8 7ED  
England

**Tel:** +44 (0) 1482 226848  
**Email:** [info@dortek.com](mailto:info@dortek.com)

## USA

**Dortek Inc**  
10 East 6TH Avenue  
Conshohocken  
Pennsylvania 19428

**Tel Office:** +1 610 234 7276  
**Sales:** +1 617 401 8226  
**Email:** [us-sales@dortek.com](mailto:us-sales@dortek.com)

## Ireland

**Dortek**  
Bond Street  
Wicklow Town  
County Wicklow  
A67 HE26  
Ireland

**Tel:** +353 (0) 404 67101  
**Email:** [info@dortek.com](mailto:info@dortek.com)

## Sweden

**Dortek AB**  
Box 1510  
Södra Dragongatan 26B  
SE 27100 YSTAD  
Sweden

**Tel:** +46 (0)411 138 40  
**Email:** [info@dortek.se](mailto:info@dortek.se)

## Singapore

**Dortek Hygienic Door Systems Pte Ltd**  
627A Aljunied Road  
BizTech Centre 04-06  
Singapore  
389842

**Tel:** +65 67411787  
**Email:** [info@dortek.com](mailto:info@dortek.com)

## Our Product Range:

- Hinged GRP Doors
- Hygienic FRP Doors
- Fire Doors
- X-ray Rated Doors
- Glass Doors
- Hermetically Sealing Doors
- Crash / Traffic Doors
- Industrial Doors
- Windows and Vision Panels
- Transfer and Trolley Hatches

