







## Dortek Cleanroom Doors

Maximum performance,  
safety and hygiene

### Applications:

-  Cleanrooms
-  Pharmaceutical
-  Research Laboratories
-  API Manufacturing



[SPSCLEANTECH.COM](http://SPSCLEANTECH.COM)

3265 Sunset Lane ■ Hatboro PA 19040  
phone.800.345.3569 fax.888.329.9669

[www.dortek.com](http://www.dortek.com)

**Dortek**<sup>®</sup>  
Hygienic door systems



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

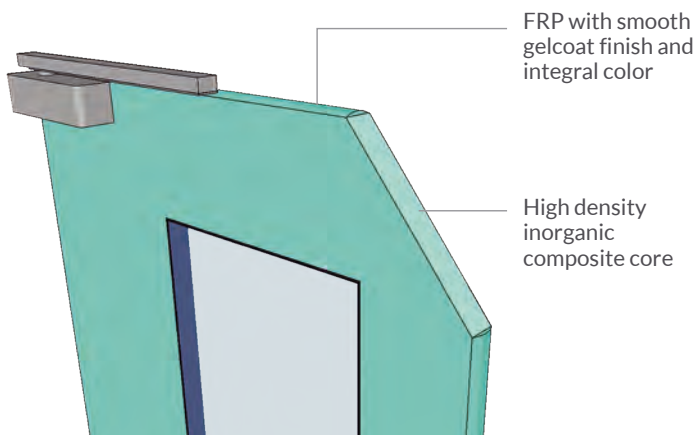
### Engineered for hygiene, strength and longevity

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

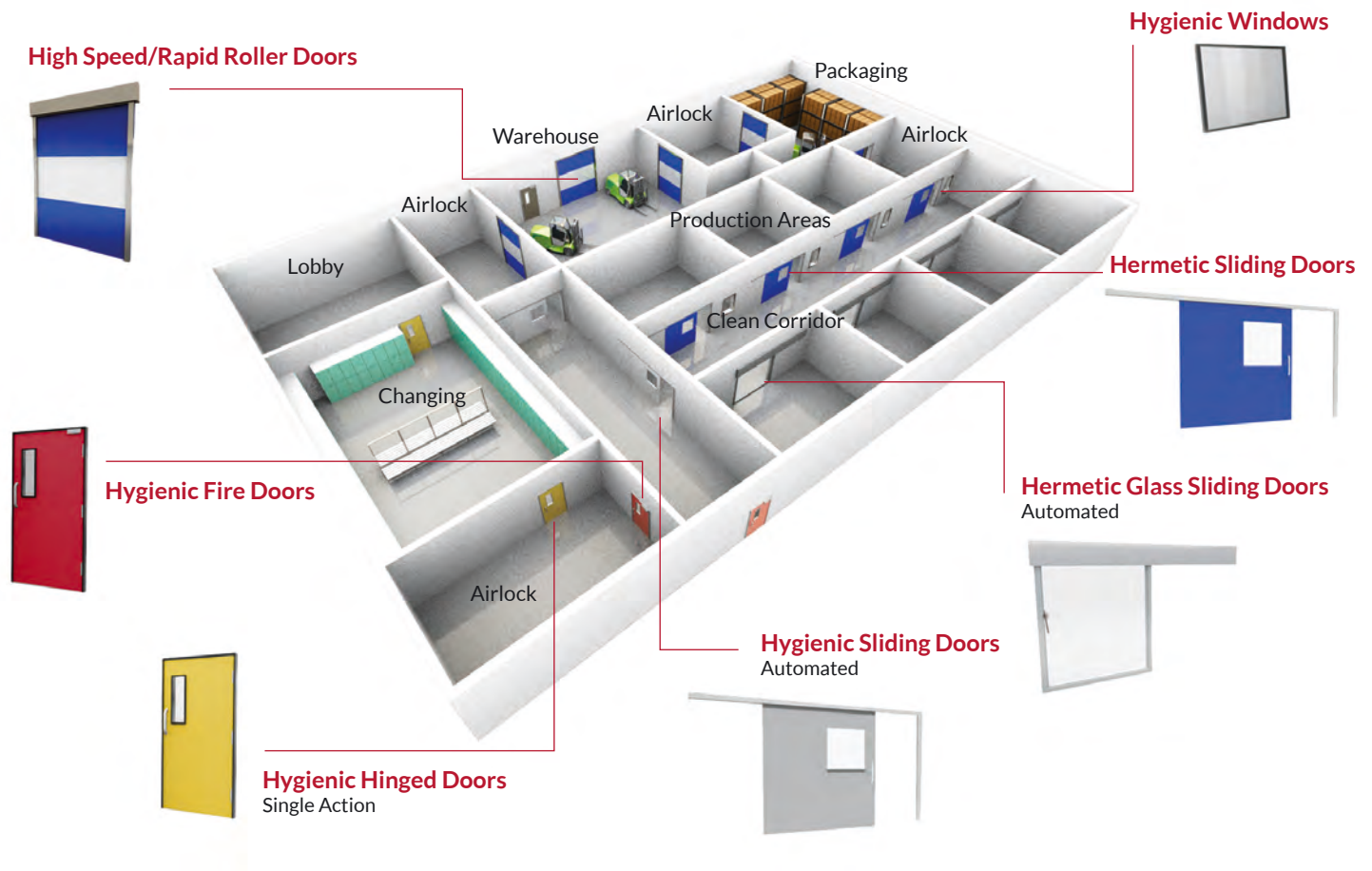
- ✗ Large seams, voids and crevices which are hard to clean and perfect breeding grounds for bacteria.
- ✗ Rusts from the inside out causing health and security hazards.
- ✗ Not waterproof and often oxidizes when exposed to regular cleaning regimes.
- ✗ Unhygienic painted surfaces which mark and dent 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.

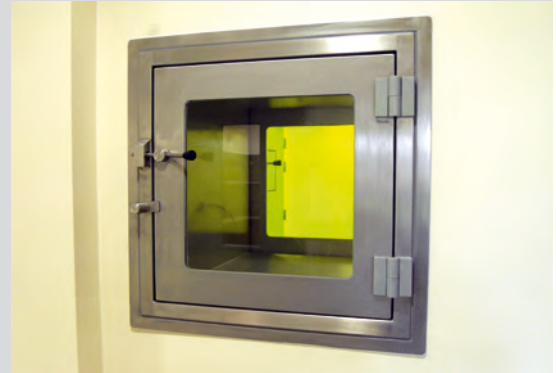


## Product Selection

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.



### High Speed / Roller Doors

Designed to save energy and create better working conditions where fast access is required. Dortek's range of high speed doors are eco-efficient high-speed internal and external doors designed to prevent cross contamination, save energy consumption and reduce the sound of noisy plant and guard machinery.

### 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.

Design  
Manufacture  
Installation  
Service



Supplying the **world's leading** pharmaceutical companies.



## A selection of Dortek projects

Lonza	USA	FDA Bethesda	USA	Nutravail	USA
GSK	UK	Novartis	Singapore	Perrigo	UK
Merck	USA	Allergan	Ireland	Alkermes	Ireland
Pfizer	USA	Abbvie	USA	HHMI	USA
Mylan	Hungary	Janssen	Holland	Napp Pharmaceuticals	UK
Sanofi	USA	Abbott	Ireland	Teva	UK
Grifols	USA	Alcon	Singapore	Sigma Aldrich	Ireland
AstraZeneca	UK	Fame Pharmaceuticals	Myanmar	Genzyme	USA
Arrow Pharma	Malta	NZ Pharmaceuticals	New Zealand	Sigmapharm Laboratories	USA

Automated Doors ICU Doors Fire Doors FRP Doors Glass Doors GRP Doors Hermetic Doors Hygienic Doors Lead Lined Doors Sliding Doors Traffic Doors Transfer Hatches Waterproof Doors Windows X-ray Doors



SPSCLEANTECH.COM

3265 Sunset Lane ■ Hatboro PA 19040  
phone.800.345.3569 fax.888.329.9669

### Dortek, Singapore

Dortek Hygienic Door Systems Pte Ltd  
627A Aljunied Road  
BizTech Centre 04-06  
Singapore  
389842  
Tel: +65 67411787  
Email: info@dortek.com

### Dortek, Ireland

North Quay, Wicklow Town  
County Wicklow, A67 HE26  
Ireland  
Tel: +353 (0) 404 67101  
Fax: +353 (0) 404 67012  
Email: ireland@dortek.com

### Dortek, Malaysia

Dortek Sdn Bhd  
No 5 Jalan Desa Tropika 1/3  
Taman Perindustrian Tropika  
81800 Ulu Tiram  
Johor  
Malaysia  
Tel: +60 7861 6233  
Email: info@dortek.com

### Dortek, UK

St Mark Street  
Hull, HU8 7ED  
England  
Tel: +44 (0) 1482 226848  
Fax: +44 (0) 1482 226843  
Email: info@dortek.com

### Dortek, New Zealand

2C, 40 Charlotte Street  
Eden Terrace  
Auckland 1022  
New Zealand  
Tel: +64 220722091  
Email: info@dortek.com



follow us on



www.dortek.com