

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

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Design  
Manufacture  
Installation  
Service



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**We lead  
and others  
follow**

## **Our History**

With a track record of success, manufacturing excellence and technical innovation that spans more than 35 years, DorteK are firmly established as the leading supplier of high-quality hygienic doors to the international pharmaceutical, healthcare, food and retail sectors.

From facilities in Ireland and the UK, DorteK manufactures and supplies worldwide, delivering a fully comprehensive service and product range through our network of sales and field engineers.

With over 150,000 doorsets manufactured and installed worldwide, DorteK are recognised as pioneers in the industry.

We lead and others follow.

**[ Door Technology + Efficient Project Management ]<sup>2</sup>**

[+] <sup>2</sup>

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## Our **Mission**

To continuously provide any customer **effective access** to controlled environments with safe, durable, high performance door systems.

**Today's  
solution for  
tomorrow's  
standards**

## Our **Commitment**

Dortek invests heavily in ongoing research and development. We are continuously innovating and re-engineering our products to remain at the forefront of door technology, hygiene control and fire safety testing.

Our products perform better than all competing technologies and, by keeping up-to-date with all legislation that will affect you, we offer today's solution for tomorrow's standards.

All doorsets are manufactured in our own factory using raw materials developed by suppliers for Dortek. Production and quality systems are continuously updated to ensure all products are delivered and installed on time and to the highest possible standards.

## **Business Case**

### **Total Door Solution**

Our comprehensive in-house project management service covers all aspects of design and construction, from ensuring correct door specification, training and risk assessment, through manufacture, installation and successful project completion.

### **Outstanding Hygienic Performance**

Dortek doors are seamless moulded from water impervious and bacteria resistant high technology composites with flush fitting vision panels and hinges. We are continuously innovating our products to ensure maximum hygienic performance.

### **Customer Satisfaction**

Our capacity to adapt to customer needs has been a significant factor in our success. Our 'can-do' attitude ensures that we consistently exceed customer expectations.

### **Efficient Project Management**

Our in-house teams each have extensive experience in design, development, project management, manufacturing, installation and service. With many years of knowledge in specialist bespoke door systems, we use our detailed technical know-how to provide a solution based on your needs.

### **Adaptability & Flexibility**

We understand that not all projects are the same. Our door solutions are tailor-made to meet your requirements exactly.

### **Compliance**

Using our knowledge and technical experience, we can ensure full regulatory compliance through accredited specifications and tested fire performance.

### **Class Leading Fire Resistance**

Dortek GRP fire doorsets are certified up to five hours to EN and BS and certain local fire tests.

### **Cost Competitive**

Our GRP doors have been benchmarked against conventional timber, steel and laminate door constructions and costs, and are capital and whole lifecycle cost competitive.

### **Lifetime Durability**

Dortek doors are built to last and you can rely on us to ensure that they remain in peak operating condition, year after year. Flexible service contract details are available upon request.



## Applications

### Pharmaceutical

Supplying the world's top 20 pharmaceutical companies, Dortek offers total door solutions for both traditional build and modular systems into GMP/GLP environments and FM/FDA approved facilities. Our extensive in-house knowledge of controlled environments enables us to fully understand your requirements and design a bespoke solution to meet your needs.

### Food Industry

Dortek's expertise in the food industry spans over 30 years and our range of doors has been continuously developed to meet the increasing standards of hygiene and fire resistance. The seamless, impervious moulded construction of our Wenplast® GRP hinged and sliding doors make them particularly suitable for wash down areas.

### Healthcare

Today's hospitals and medical centres have to comply with strict codes of hygiene and endure heavy usage with the minimum of maintenance. Dortek's comprehensive range of door systems for operating theatres, X-ray rooms, sterile areas, mortuaries, and kitchens are safe, reliable, robust, easy to clean and conform to all the latest BS, EN, and NHS standards.

### Retail

For over 20 years, Dortek's traffic doors have been used extensively throughout the UK and Ireland by all major retail chains. Strong and hard-wearing with a long trouble free life span our doors are both aesthetically pleasing and competitively priced.

### Leisure

Leisure centres and swimming pools have to endure heavy usage with the minimum of maintenance. The moulded GRP construction of Dortek's Wenplast® doors, with built in colour, will not absorb water and are ideal for use in wet areas.

### Animal Holding

Dortek is the leading supplier of hygienic doors to organisations that operate animal housing units. Designed and constructed to industry leading standards, all our doors comply with the latest fire, DDA, hygiene and safety standards. Hardwearing, water and urine resistant and able to withstand heavy day to day use, our Wenplast® doors are suitable for use in a wide range of facilities from care organisations to housing units and veterinary clinics.

### Education

Dortek offer a range of GRP and acoustic doors for schools, colleges, academies and universities. Our Wenplast® doors are suitable for kitchens, leisure facilities - including swimming pools, laboratories and rest rooms. Our acoustic doors are ideal for reducing noise levels between class rooms and lecture halls, theatres and dance studios.

## Customer Success

Client: **GlaxoSmithKline**  
Location: **UK**  
Number of Doors: **25**  
Additional Products: **Automations and Interlocking**  
Contract Value: **£200K**

As a world leading pharmaceutical company, GlaxoSmithKline employs over 100,000 people in 116 countries. This site is a secondary pharmaceutical manufacturing facility producing GSK products for supply to over 160 markets.

As part of a refurbishment programme, GSK upgraded the production area to hygienic cleanroom materials with minimum ledges and seams and no organic content. Existing laminate doors were deemed incompatible with hygienic requirements and were replaced with GRP doors, frames, automations and interlocking.

We manufactured and installed the doors to meet a very short shutdown period dictated by the client.

Client: **Royal London Hospital**  
Location: **London**  
Number of Doors: **27**  
Additional Products: **Automations and Interlocking**  
Contract Value: **£100K**

Barts and The London NHS Trust is one of Britain's top teaching hospital trusts. This site is a new purpose-built Pharmacy and Pathology Building to serve all three hospitals in the trust's area.

Our hygienic GRP doors, which were specified and supplied by a specialist clean room contractor, were installed in the facilities Pharmaceuticals Production Suite. With no joints or ledges where dirt or germs can gather, our GRP doors are ideal where optimum levels of hygiene, ease of cleaning and disinfection are of high importance.

Doors were manufactured with extra large vision panels to ensure a light and spacious feel to the suite and incorporated electric automations actuated by hygienic touchless sensors and interlocking mechanisms with status indicators. Interlocking mechanisms were utilised to ensure effective air pressure control.

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# Product Selector

## **K Type Hinged Doors** **Single Action or Double Action**



- Manufactured from engineering composites. Contains no organic material.
- Easy to clean and does not harbour bacteria.
- Strong and durable, yet light and easy to operate.
- The built-in colour is aesthetically pleasing and requires no maintenance.
- Will not surface peel, warp, swell, rot or rust.

Suitable for Pharmaceutical Facilities (API, Secondary/Tableting), Hospitals, Supermarkets, Food Processing, Factories and Kitchens.

## **Fire Rated Doors** **Single Action or Double Action**



Tested to EN 1634-1 and BS476 Part 22 ranging from 30 to 240 minute fire resistance.

- 40mm thick.
- Moulded from engineering composites with no ledges or seams.
- Manual or automatic.

Suitable for Pharmaceutical Facilities (API, Secondary/Tableting), Hygienic Areas, Clean Rooms, Operating Theatres, Cold Storage and General Industrial Situations.

## **GRP Sliding Doors**



### **K Type Sliding Insulated Door** **F Type Fire Rated Sliding Door**

- 40mm thick.
- Moulded from engineering composites with no ledges or seams.
- Manual or automatic.
- Fire rated version tested to EN 1634-1 and BS476 Part 22 ranging from 30 to 120 minute fire resistance.

Suitable for Pharmaceutical Facilities (API, Secondary/Tableting), Hospitals, Supermarkets, Food Processing, Factories and Kitchens.





### **Traffic Doors**

#### **S Type Double Action**

#### **R Type Double Action**

- Strong, hard-wearing and long lasting. Require minimum maintenance.
- Meet standards of hygiene and DDA legislative requirements.
- Easy to clean and resistant to cleaning materials.
- Aesthetically pleasing requiring minimum or no decoration or re-painting.

Suitable for Hospitals, Retail, Supermarkets, Hotel and Catering, Food Processing, Dairies, Bakeries, Distribution and Warehousing.



### **Hermetically Sealing Doors**

#### **Fire or Non-Fire Rated MF5 Hermetically Sealed Sliding Door**

- Easy to clean and maintain.
- 99.6% efficient sealing in laboratory tests.
- Maintains accurate air flows, reduces air handling costs, the possibility of cross contamination and the incidence of wound infections.
- Manual or automatic operation.
- Sliding glass/fully glazed version available.

Suitable for Pharmaceutical Facilities (API, Secondary/Tableting), Cleanrooms, Operating Theatres, Isolation Wards, Mortuaries, X-ray and Recovery Rooms.



### **Fast Acting Doors**

#### **Dortek 350/360 for internal openings**

#### **Dortek 500 for internal/external openings**

#### **Dortek 1000 for internal/external openings**

#### **Bi-Parting High Speed Roller Door**

- Fast acting roller doors for internal and external applications.
- Counter balanced system.
- Vertical guides incorporate seals to prevent draughts, dust, insects and vermin.
- Variable drive motors 240V or 415V for fast reliable operation.

Suitable for Pharmaceutical Facilities (API, Secondary/Tableting), Logistics Areas, Food Manufacturing Facilities and General Industrial Situations.

# Product Selector



## X-Ray Shielded Doors and Frames

- Available as hinged or sliding, with or without flush mounted windows.
- Provides resistance to the passage of x-rays in accordance with the National Radiological Protection Board.
- Radiation protection to the user defined lead rate.
- Manufactured to have an equal appearance to doors without lead protection.
- Will not surface peel, dent, warp, swell, rust or rot.
- The built-in colour is aesthetically pleasing and requires no maintenance.

## Coldroom Doors



### Hinged Chiller/Freezer Door

- Manual or automatic operation.
- Finished in white coated polyester, food safe or stainless steel.
- 45mm x 90mm surface mounted frame. Optional wrap around frames.

### Sliding Cold Room Door

- Maximum Size 4000mm x 4500mm High. Weight 400kgs.
- White coated polyester, food safe or stainless steel finish.
- Tough rubber tubular gasket for perfect sealing.
- Frames 100mm x 20mm 1.5mm stainless steel face mounted. Optional wrap round frames.
- Manual or automatic operation.
- Fire resistant up to one hour.



### DT 250 light to medium single leaf chiller and freezer doors

### DT 400 heavy duty single/bi-parting chiller and single leaf freezer doors

- Suitable for chiller and freezer applications down to -40°C.
- Maximum Size 4000mm x 4500mm high. Weight 400kgs.
- Finished in white coated polyester, food safe or stainless steel.
- Tough rubber tubular gasket for perfect sealing.

Suitable for Coldstores, Food Factories, Dairies, Kitchen/Catering Facilities, Abattoirs.



## Acoustic Doors

Available as:

- Hinged GRP Acoustic Door – up to 30db.
- Acoustic Hermetically Sealing Sliding Doors – up to 50db.
- Acoustic Fire Rated Hermetically Sealing Sliding Doors - 50db/60 minute fire rated.

Suitable for Hospitals, Laboratories, Plant Rooms, Lecture Theatres, Recording/Broadcasting Studios, Conference Rooms, Test Cells.

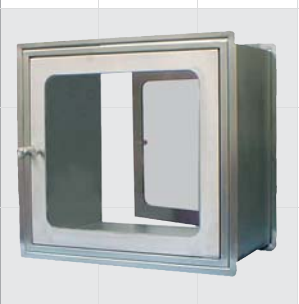


## Windows

### Double and Single Glazed Internal Windows

- Double or single glazed clear laminated safety glass to BS6206B:1981.
- Stainless steel or powder coated steel frames.
- Frames manufactured to suit various wall constructions and thicknesses.
- Frames can be made flush with wall or a wrap around channel profile.
- Double glazed units, 40mm thick sealed units.

Suitable for: Pharmaceutical Facilities (API, Secondary/Tableting), Hospitals, Hygienic Areas, Supermarkets, Food Processing, Factories and Kitchens.



## Cleanroom Transfer Hatches

- Stainless steel construction.
- Flush interior for ease of cleaning.
- No protruding ledges – prohibits bacteria growth.
- Glass or acrylic door options.
- Mechanical interlock system.

## Other Doors

- Gas tight; sectional; blast proof; industrial range also available.

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## Mobile Exhibitions

Dortek's Mobile Exhibition Vehicle is available for site visits, demonstrations and CPD's throughout the UK, Ireland and Western Europe.



With **full working models** of our hygienic door systems, it provides a thorough overview of our product range and, combined with a detailed sales presentation or RIBA accredited CPD by one of our Regional Managers, offers a thorough introduction to the **benefits of GRP doors** and Dortek's unique service offerings on your own premises.

To arrange a site demonstration email [marketing@dortek.com](mailto:marketing@dortek.com)



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