



Dortek - Specifying Doors in Retail Environments

 @DortekLTD  Dortek Hygienic Doors  www.dortek.com

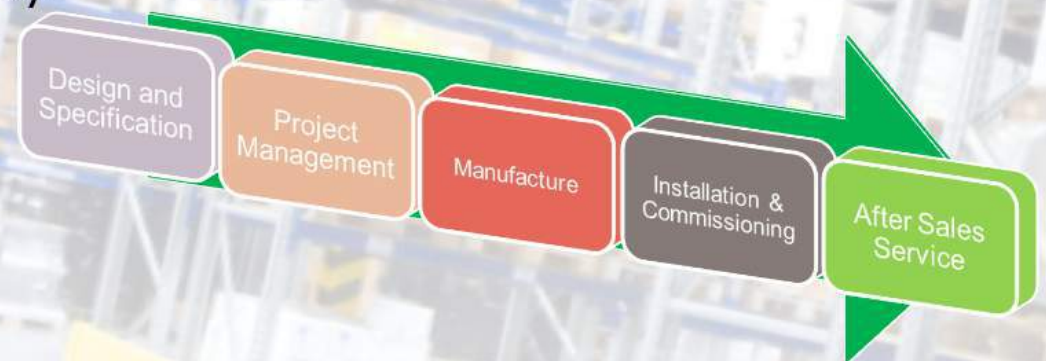


Agenda

- Introduction to Dortek
- Dortek Clients
- Dortek Hygienic GRP Doors - Key Features
- Benefits of Specifying the Correct Doors
- Competing Door Technologies
- Dortek Product Range
- Project Portfolio

Introduction to Dortek

- An end to end solution provider of ultra hygienic door systems with over 45 years design experience.
- Suppliers of hygienic doors to the largest Retail, Food, Pharmaceutical, Infant Nutrition and Healthcare Organisations around the world.
- Continuously investing in innovation in new materials, door and automation design and fire testing to meet changing customer needs.
- Dedicated to providing our customers with the doors they need, whatever the location, simply and seamlessly.



Global Resource, Local Solution



Manufacturing & Installation Capability

DorteK Deliver Door Solutions Across The Globe

- Africa
- Australia
- China
- Europe
- Ireland
- Middle East
- New Zealand
- SE Asia
- UK
- US

200,000
Doors were produced & installed
for clients in 40 countries

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200,000

Door sets produced & installed
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Dortek is working for 18 of the top 20 global Pharma Bio Companies.....



Dortek are working for 8 of the top 10 global food companies.....

The Kellogg's logo, featuring the brand name in a red, cursive script.The Kraft Foods logo, consisting of a colorful, multi-petaled flower icon followed by the text "kraft foods" in a blue, lowercase sans-serif font.The Diageo logo, featuring the word "DIAGEO" in a bold, red, uppercase sans-serif font.The Danone logo, which includes a blue circular icon with a white profile of a person's head and a star, with the word "DANONE" in blue, uppercase letters below it.The Unilever logo, featuring a blue, ornate, shield-shaped crest with the word "Unilever" in a blue, lowercase script font below it.The Nestlé logo, showing a blue line-art illustration of a bird's nest with three birds, and the word "Nestlé" in a blue, lowercase sans-serif font below it.The Pepsico logo, featuring a colorful globe icon followed by the word "PEPSICO" in a bold, blue, uppercase sans-serif font.The Coca-Cola logo, featuring the brand name in its iconic red, cursive script.

And the top 5 Infant Nutritional Companies.....

The Mead Johnson Nutrition logo, featuring the brand name in a blue and red script font with "Nutrition" in a smaller, blue, lowercase sans-serif font below it.The Abbott Nutrition logo, consisting of a blue stylized 'A' icon followed by the word "Abbott" in a bold, blue, uppercase sans-serif font and "Nutrition" in a smaller, blue, lowercase sans-serif font below it.The Danone logo, featuring the word "DANONE" in a bold, blue, uppercase sans-serif font inside a blue oval shape.The Fonterra logo, featuring a blue and green stylized wave icon followed by the word "Fonterra" in a blue, lowercase sans-serif font.The Nestlé logo, showing a black line-art illustration of a bird's nest with three birds, and the word "Nestlé" in a bold, black, lowercase sans-serif font below it.

Dortek is working in the top Healthcare Facilities.....



Dortek are working with some of the top
retailers in the world.....



MORRISONS

TESCO

ASDA

Waitrose

Harrods



Sainsbury's



TESCO 乐购



coles



IKEA UK & Australia

- DorteK Limited has installed our GRP double action traffic door into all of the IKEA stores in the UK and Ireland.
- Belfast, Dublin, Cardiff, Edinburgh, Glasgow, Croydon, Edmonton, Wembley, Thurrock, Milton Keynes, Leeds, Manchester, Southampton, Wednesbury, Bristol, Coventry, Gateshead, Nottingham and Warrington.
- Our GRP double action traffic door has also recently been specified by IKEA's Australian Head Office and we have supplied doors to stores in Melbourne and Canberra and are currently manufacturing traffic doors for the new IKEA Store in Brisbane.
- Our doors have been fitted in kitchen and restaurant areas, between sales floor and warehouse areas, between customer service and sales floor areas and between sales areas.



Ikea, Malaysia



- 42,000m² store located in Jalan Cochrane.
- Dortek manufactured and installed 31 hygienic GRP door sets.
- Single action doors, double action doors, rapid roll doors, internal windows & an automatic GRP sliding door.
- Fitted across kitchen and restaurant areas.
- Dortek GRP doors are a low maintenance solution which helps reduce both costs and improve performance long term.
- Our doors have an ultra clean construction which prevents bacteria from harbouring.
- They are ideal for wash down areas due to fact they will not swell, rot, warp or rust.

Benefits of Specifying the Correct Doors

Dortek GRP Doors for Extreme Strength & Durability

- Wooden and laminate doors are not only weaker than GRP but they also pose a higher risk when damaged as a knock or chip can expose organic materials for bacteria to harbour.
- GRP doors will not dent, warp, swell, rust or rot.
- GRP is heat resistant and able to withstand areas with high humidity and extreme temperatures.
- GRP is commonly used in high performance aircrafts and boats.
- Impact and scratch resistant.
- Maintenance free, built in colour
- Low life cycle costs
- 42% lighter than laminate doors which often require replacement due to wear on hinges and closers.



Benefits of Specifying the Correct Doors

Dortek GRP Doors for Fire Protection

- Our hygienic fire rated doors meet over 50 independent tested specifications compliant with worldwide regulations.
- We are fire certified to BS, EN, UL, China, Singapore, Australia and New Zealand standards.
- We can achieve both hygiene and fire rating in one door.
- Fire resistance up to four hours.
- Our patented built-in intumescent strip means that our fire doors are ideal for hygienic environments as the intumescent strip is not exposed. Instead the fire door is completely encapsulated with the strip underneath the skin of the door.
- The intumescent strip is activated by the heat of a fire and expands to create a sealed fire door.

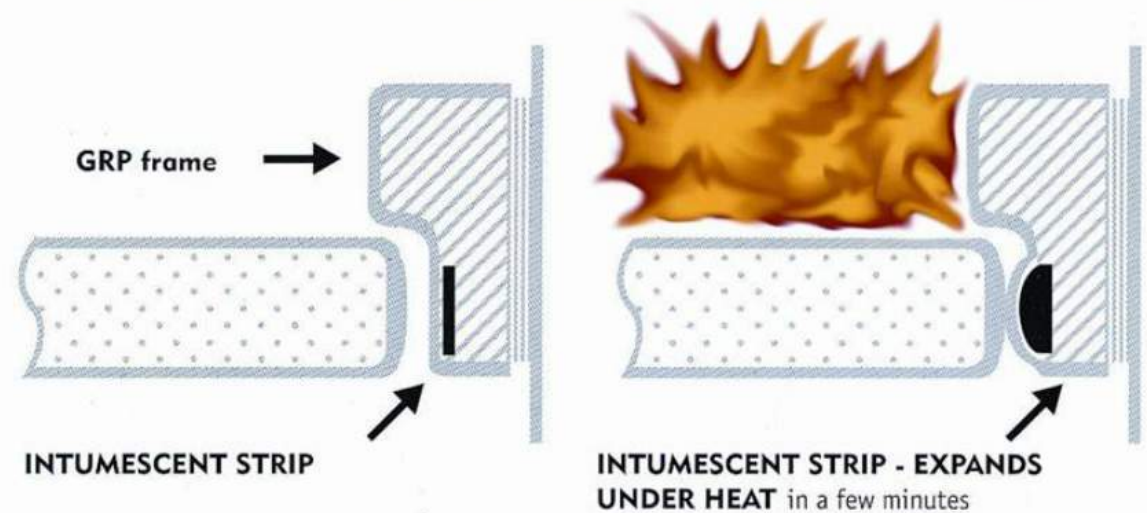
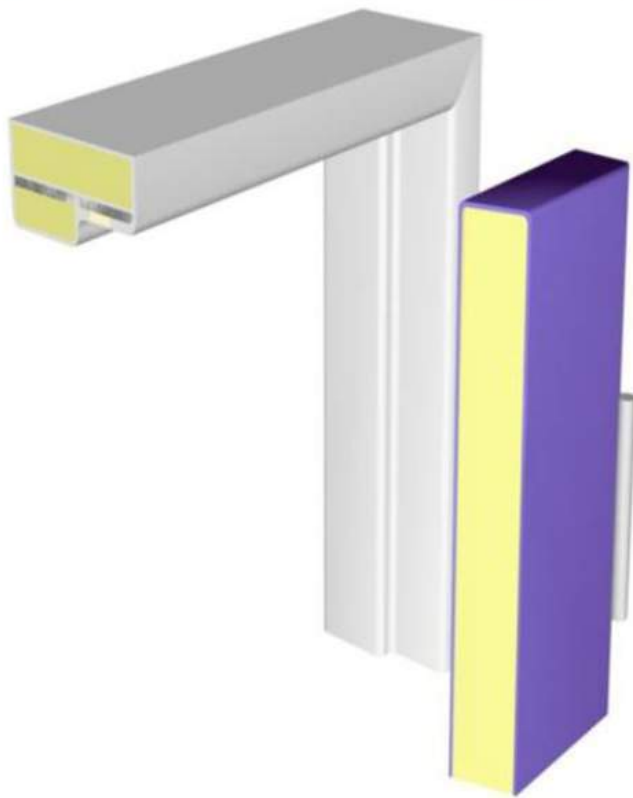
Local Fire Test Certification



Unique to Dortek, our patented concealed intumescent strip, built into the door during the manufacturing process, maintains a smooth seamless profile ensuring that there are no seams or ledges where dirt and germs can gather.



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Competing Technologies

Disadvantages of Steel Doors

- Can rust
- Expensive to repair
- Not easy to clean
- Unhygienic painted surfaces
- Structure requires additional support
- Surfaces will scuff / dent easily and require repainting
- Heavy to operate with additional wear on hinges & closers



Disadvantages of Timber & Laminate Doors

- Organic Material with natural crevasses that can harbour bacteria
- Possibility of delamination
- Splinter can lead to contamination
- Paint can peel & lead to contamination
- Bacteria can ingress through ledges on the door
- Structure of the door requires additional support
- Hollow core can lead to a weakening structure
- Not easy to clean or suitable for wet areas
- Heavy to operate, additional wear on hinges and closers



Reaction to Water: GRP vs Laminate

Both Doors were exposed to water for three weeks. The Laminate door cracked, swelled, rotted and the timber core began to grow mould. Whereas the seamless GRP door remained unaffected.

Defects that occur in steel doors...



Hinge loosens door sags to the weight of the door and steel door

Door that is sagging will hit the lock causing damage to the lock

Once the steel door is jammed, it will not open - making it impossible to close

Steel door with ledge on the window to create a gap



Reaction to Water; GRP vs Laminate

Both Doors were exposed to water for three weeks. The Laminate door cracked, swelled, rotted and the timber core began to grow mould. Whereas the seamless GRP door remained unaffected.

Defects that occur in steel doors...



Hinges broken down due to the weight of the stainless steel door.

Steel door showing voids at the lock casing where dirt can enter.

Once the steel door is penetrated, dirt and bacteria can form and grow - making it impossible to clean.

Steel door with ledges on the window for dirt to gather.

The Dortek Door Range

- Hinged Hygienic Doors
- Hermetic Sealing Sliding Doors
- Hermetic Sealing Glass Doors
- Fire Rated Doors
- Sliding Hygienic Doors
- Traffic Doors
- Steel Hinged Doors
- Rapid Roll Doors
- Vision Panels
- Windows
- Transfer Hatches
- Interlocking & Interlocking

www.dortek.com

Dortek[®]
Hygienic door systems



Hinged Hygienic Doors



Hermetically Sealing Sliding Doors



Hermetically Sealing Glass Sliding Doors



Fire Rated Doors



Sliding Hygienic Doors



Rapid Roll Doors

S Type - GRP Double Action Crash Doors

Key features

Application Areas

- Retail Outlets
- Food Processing facilities
- Supermarkets
- Bakeries
- Warehouses
- Distribution Centres
- Postal / Sorting Offices

- Impact & scratch resistant
- Waterproof & chemical proof- will not warp, rot, swell or rust
- Smooth, hygienic, easy to clean surface
- Low maintenance
- Built in colour - never requires repainting
- Low life cycle costs
- Lightweight and user friendly, ideal for heavy traffic
- Single glazed windows in aluminium frame
- Traffic bumpers available
- Easy to install
- Hinge tested to 1,000,000 operations
- 10 year door blade guarantee.



Dortek GRP Flush Doors

Application Areas

- Hygienic Areas
- Food manufacturing Facilities
- Dairy processing
- Supermarkets
- Bakeries

Key features

- Smooth, hygienic, easy to clean surface.
- Void free, seamless construction
- Strong and durable
- Will not harbour bacteria or moisture
- Will not swell, rot, warp or rust
- Lightweight - Less than 40% of the weight of steel and laminate doors
- Built in colour
- Timber free construction, made from 100% recyclable materials
- Impervious to water & cleaning agents
- Fire Rated up to 4 hours



Dortek Double Action Fire Doors

Key features

- Extreme strength & durability
- Smooth hygienic surface
- Easy to clean & maintain
- Unaffected by water & cleaning chemicals
- Easy to open using floor springs
- Adjustable closing speed
- Can be linked to a fire alarm management system
- Significant cost savings - no need for a fire shutter
- tested to BS 476 part 22 for 60 minutes fire rating
- The door blade is protected by black polypropylene bumpers
- 10 year guarantee on the door blade.



- Food Manufacturing
- Warehouses
- Supermarkets
- Cold Storage
- Access Controlled Areas
- Internal & External use

Dortek Rapid Roll Doors

Key features

- Ultra clean hygienic construction
- Super fast, reliable door solution
- Improves efficiency
- Draught, vermin and dust proof
- Reduces energy costs
- Reduces cross-ventilation
- Increases flexibility
- Hard wearing durable components
- Does not attract dirt.

- Food Manufacturing
- Warehouses
- Supermarkets
- Cold Storage
- Access Controlled Areas
- Internal & External use



Dortek Specification Support

Dortek offers full specification support, including:-

- Design and Planning
- Specification Writing
- Door Scheduling
- Project Budgeting
- Site Visits
- Bespoke Drawings / 2D CAD design
- Large Range of BIM Objects



Dortek Healthcare Projects

The Royal National
Orthopaedic Hospital, UK



The London Clinic, Harley Street
Hybrid Operating Theatre, UK



Ng Teng Fong Hospital, Singapore



New York - Presbyterian Hospital, US



Hamad General Hospital, Qatar



National Maternity Hospital, Ireland



Dortek Pharma Projects

Lonza, Singapore



GlaxoSmithKline, UK



Allergan, Ireland



AstraZeneca, UK



MSD, Singapore



Novartis, Singapore



Dortek Food & Dairy Projects

Mead Johnson, Singapore



Arla Dairies, UK



Nestle, Biessenhofen



Abbott Nutritional Division, Ireland



Müller Wiseman Dairies, UK



Nutricia, UK



Dortek Retail Projects

Tesco, China



Tesco are one of the world's largest retailers who operate stores in 12 countries and serve millions of customers each week.

Dortek have supplied over 500 GRP double action door sets to new Tesco stores across China. Our doors are favoured for their aesthetic appearance, low maintenance costs, reliability and hygienic qualities.

Lidl



Lidl are a German global discount supermarket chain that operates over 10,000 stores in over 20 European countries.

Dortek have supplied and installed our GRP double action crash door into over 1,000 stores in the UK, Ireland, Italy, Netherlands, Greece, Cyprus, Malta, Germany, Spain, Croatia, Slovakia, Slovenia, Poland and the Czech Republic.

Aldi



Aldi are a German global discount supermarket chain that operates nearly 10,000 stores in over 14 European countries plus Australia and the USA. It is currently the fastest growing supermarket chain in the UK in which it recently opened its 500th store.

Dortek have supplied and installed our GRP double action crash doors into the vast majority of Aldi stores in the UK and we now also supply and install our door in to all new Aldi stores in Ireland.

Sainsbury's & Sainsbury's Local



Sainsbury's are the second largest supermarket chain in the UK based on market share. They currently operate nearly 600 supermarkets and over 500 convenience stores (Local).

Dortek have supplied our GRP double action doors to Sainsbury stores for many years and in large volumes. We supply doors for trucking routes in each and every new and refurbished supermarket. We also supply doors to food preparation areas, loading bays and deli/cann areas.

Waitrose



Waitrose is a high end UK supermarket chain with over 300 branches.

Dortek supply and install automatic fire rated GRP doors between sales floor and warehouse areas and manual fire rated GRP doors to back of house food preparation and clean down areas in all new and refurbished Waitrose stores.

Dobbie's Garden Centre



Dobbie's Garden Centre are one of the UK's leading garden centre businesses with 35 stores throughout the UK. Dobbie's is working towards creating the UK's first national garden centre brand and continues to grow through strategic acquisition and new site development.

Dortek supplied and installed our single and double action GRP hinged doors throughout their premises. Our doors are acid free, easily cleaned and resistant to cleaning chemicals making them ideal for food environments.

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Ikea



IKEA is one of the world's largest furniture manufacturers with over 300 stores in over 40 countries.

Dortek have supplied and installed our GRP double action crash doors into all IKEA stores in the UK and Ireland as well as a new store recently opened in Melbourne, Australia.

Dortek Retail Projects

Morrisons M Local



Morrisons M Local is the convenience arm of Britain's fourth largest supermarket chain Wm Morrison Supermarkets plc. Since 2013 Morrisons set about opening a large number of stores.

Dortek supplied and installed hygienic hinged GRP doors and fire rated doors in over 100 new M Local stores. Our doors are ideal for in-store bakeries, sales floors and warehouse areas.

Asda



Asda are a British based supermarket chain which is ranked as the second largest Supermarket in the UK with over 500 stores. In July 1999, Asda became a subsidiary of the American retail company Walmart.

Dortek have supplied and installed 200+ GRP double action crash doors into over 70 stores throughout the UK. Dortek GRP doors were specified due to their high quality, strength and durability.

Wilko



Wilko Retail (formerly Wilkinson's Hardware Store) is a British high street chain selling primarily homewares and household goods. The company has recently undergone a major rebrand and an series of store refurbishments.

Dortek GRP crash doors have been supplied and installed in over 200 Wilko's stores as part of the 'One Touch' programme. Dortek doors are specified due to their durable, long lasting and aesthetically pleasing qualities.

The Range



The Range is recognised for its unique variety with more than 65,000 products across 16 departments including: DIY, Homewares, Furniture, Lighting, Arts & Crafts and Garden. The company operates 85 stores across England, Scotland and Wales.

Dortek's GRP crash doors were chosen due to their longevity, operational efficiency, low maintenance costs and aesthetically pleasing appearance. The Dortek crash door is now the door of choice for all Range stores - new or refurbished.

Dobbie's Garden Centre



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Dortek supplied and installed our single and double action GRP hinged doors throughout kitchen areas. Our doors are void free, easily cleaned and resistant to cleaning chemicals making them ideal for food environments.

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Dortek BIM Objects

Our GRP Retail Doors and Windows are now available as BIM Objects in Revit file format and are Industry Foundation Classes (IFC) and COBie compatible. Our range of BIM files are hosted on www.bimstore.co.uk. They can also be downloaded via our website under the BIM menu.

		
Dortek Hygienic Hinged Door... Dortek hygienic doors can be used across a wide variety of areas...	Dortek Hygienic Hinged Door... Dortek hygienic doors can be used across a wide variety of areas...	Dortek Hygienic Hinged Door... Dortek hygienic doors can be used across a wide variety of areas...
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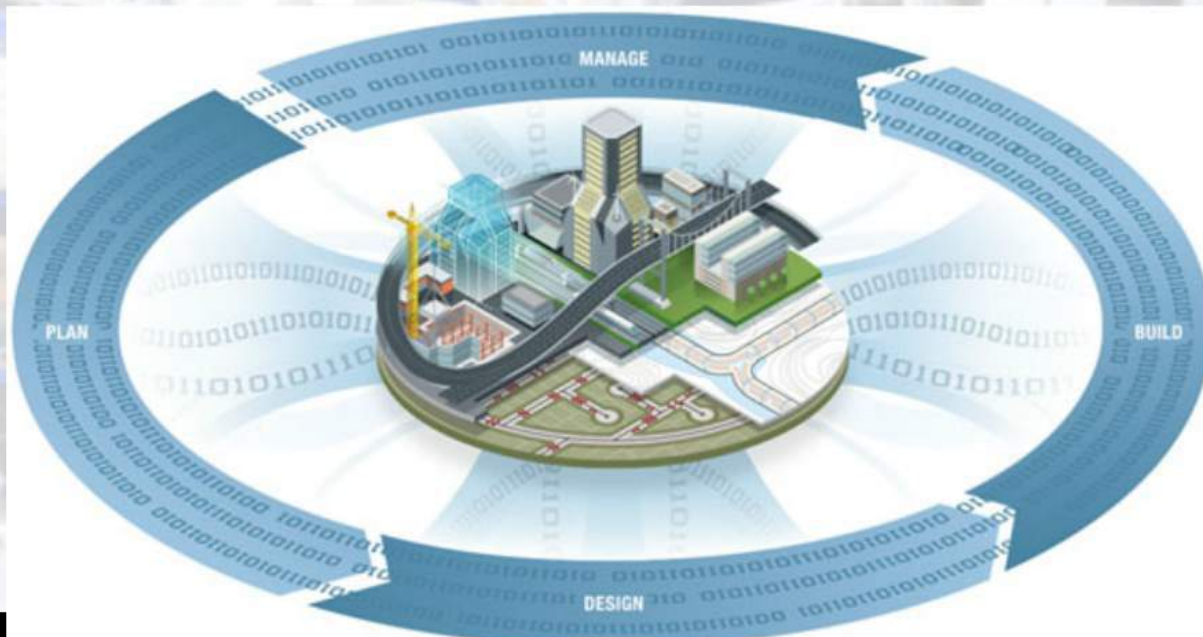
Benefits of Using BIM:

- Improved Productivity
- Reduced Carbon Footprint During Construction
- Clash Detection & Avoiding Errors
- High Level of Customisation & Flexibility
- Optimisation of Costing & Scheduling
- Lower Maintenance of the Building Life Cycle
- Greater Collaborative Working - Cross-functional project teams can view intelligent models to better plan, design, build and manage buildings and infrastructure.



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Building Relationships

- It is hugely important for Dorteck to build longstanding relationships with our clients.
- High quality customer service is of supreme importance to us and the foundation upon which we have built our success.
- Ikea would have a dedicated Retail team within Dorteck to ensure familiarity, efficiency and continuity.
- Contractors, and architects, would have the same advantage and would be given the same level of service and commitment.
- We would be happy to commit to regular performance reviews at 3-6 monthly intervals.



Recap - Benefits of Specifying Dortek Doors

- Ultra clean, seamless hygienic design
- Timber-free construction
- Free from voids, holes or crevices
- Easily cleaned and disinfected
- Non-porous & non-shedding
- Fire, heat & radiation proof
- Will not rot, rust, swell or corrode
- 100 % moisture resistant
- Chemical proof
- 42% lighter than wood / laminate doors
- Choice of built in colours
- Low maintenance
- Low life cycle costs

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‘Properly planned, made, installed and serviced. Working exactly as intended. Right first time.’

www.dortek.com