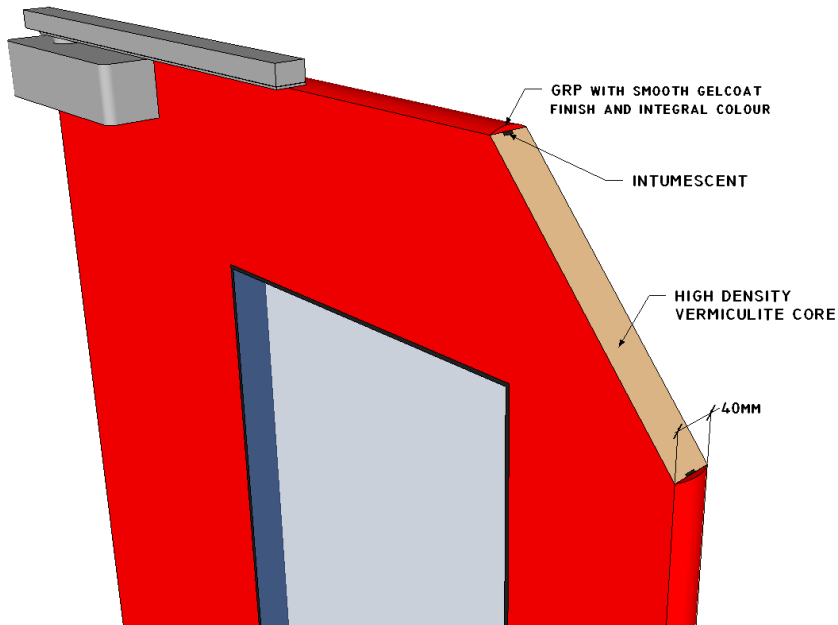


Product Sheet

GRP Hygienic Fire Door

Single or pair — Single/double action



LEADING-EDGE TECHNOLOGY FOR SUPERIOR HYGIENE PERFORMANCE

Dortek's fire doors meet over 90 independent tested specifications compliant with worldwide regulations. We are fire certified to UL, BS, EN, China, Singapore, Australia and New Zealand standards. Our fire rated door systems provide up to 4 hours fire resistance.

Dortek's fire doors combine safety without compromising high standards of hygiene and durability. Unique to Dortek, our patented concealed intumescent strip is built into the door during the manufacturing process. This maintains a smooth, seamless profile ensuring that there are no seams or ledges where dirt and germs can gather. The intumescent strip is activated by the heat of a fire and expands to create a sealed fire door.

Dortek's hygienic door systems are manufactured using cutting edge technology and a revolutionary closed mould process. This creates a strong, uniform product with no seams or joins on the door surface.

We are able to offer an inherently superior product, a product which is more hygienic, more intelligent and capable of providing the ultimate fire protection.

SUPERIOR HYGIENE

Completely smooth and seamless gelcoat finish which is non porous and non shedding. Free from organic materials, ledges, recesses or right angles, to eliminate bacteria breeding grounds for flawless hygiene.

OPTIMUM PERFORMANCE

Proven to maximise efficiency, safety and hygiene in the most demanding environments. These doors will not rot, rust, swell, warp or corrode. Designed to meet FDA and cGMP requirements.

EXTREME DURABILITY

Exceptionally strong, lightweight and impact resistant. These doors outperform wood and steel alternatives, bringing you a lifetime of durability and the ultimate cost-effective solution.

100% WATERPROOF

Inorganic closed cell core which does not corrode or absorb moisture. Remains unaffected from exposure to water, steam and chlorine; even after decades of use.

SUPER CHEMICAL RESISTANT

Smooth, sealed, non absorbent surface which is easy to clean. Excellent resistance to most disinfectants, solvents and strong chemicals, including H₂O₂.

UNCOMPROMISING QUALITY

Engineered to offer supreme quality and reliability. We can offer up to a 25 year guarantee on our doorblades (subject to Dortek terms and conditions).

COMPLETE TURNKEY SYSTEM

Dortek provides complete access solutions which are individually-crafted to meet your specification. We offer a choice of colored door panels, frames, hardware, vision panels, access controls, automations and interlocking.



Product Sheet

DOOR BLADE

- 40mm thick, seamless fibreglass encapsulating a non-organic, high density vermiculite core
- F30, F60, F90, F120, F180 and F240 minute fire ratings available
- Patented concealed intumescent design
- Seals available
- Integral colour
- Wide range of factory-fitted ironmongery, flush vision panels and door protection
- Manual or automatic operation

AVAILABLE AS:

Hinged doors

- ~ Single leaf
- ~ Double leaf
- ~ Single swing action
- ~ Double swing action

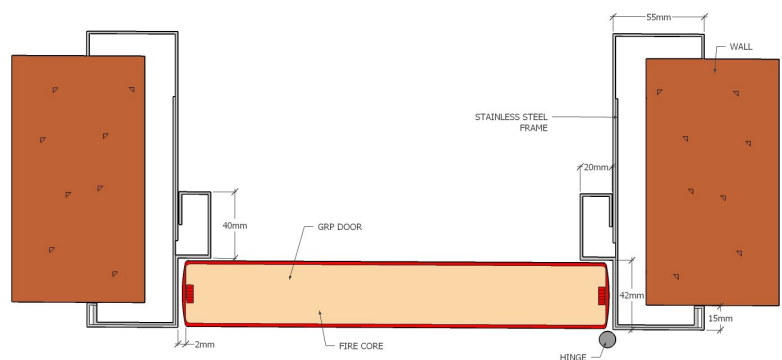
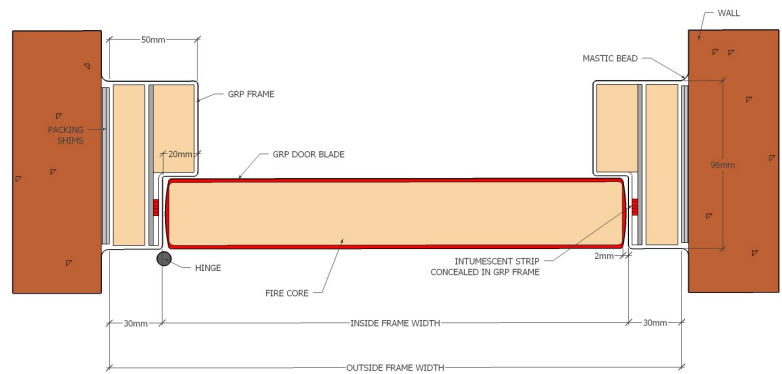
Sliding doors

FRAME OPTIONS

- GRP frame
 - ~ Manufactured to GRP door specifications
- Stainless steel frame
 - ~ Wrap around or plant on detail
 - ~ 304 grade as standard
 - ~ Powder coating option

VISION

Fire rated flush vision panels with integral blinds, smart glass or x-ray and laser protection



DorteK Hygienic Doors

- Easy to clean, maintenance free, smooth, non porous, gelcoat surface with built-in choice of 20 colours
- Free from voids, ledges and troublesome lipping's
- Lightweight, strong, durable and maintenance-free
- Designed to meet GMP and cleanroom requirements
- Chemical resistant. Designed to withstand all typical cleaning methods including hydrogen peroxide
- Moisture absorption zero - will not warp, swell, rust or rot
- Naturally environmentally-friendly: long life expectancy
- Fire resistant with hygienic concealed intumescent strip

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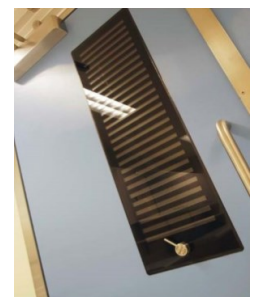
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(Single) Data Sheet

Door	Hygienic GRP swing	
Type	Single	
Material	GRP	
Core	High density vermiculite core 35mm thick	
Finish	Smooth gelcoat with integral colour	
Frame type:		
GRP	○	
Stainless steel	○	
Aluminium	NA	
Fire rating	30, F60, F90, F120, F180, F240	
Intumescent	Concealed within GRP	
Seals:		
Edge	NA	
Frame	○	
Bottom	○	
Handing :		
Left	○	
Right	○	
Equal	NA	
Manual operation	Standard	
Automated operation	○	
Vision	Range of fire rated flush finish panels available	
Lead lined	○	
Ironmongery	Wide range of factory fitted ironmongery	
Water resistant	Yes	
Chemical resistant	Yes	
Weight	Approx 26kg p/m ²	
Thermal conductivity	0.50 W/mK	
Acoustic rating	29Db*	

○ = Option available

* = Acoustic test based on single hinged GRP door in GRP frame containing frame seal and no vision panel

Features:

- 40mm overall thickness
- Smooth and seamless
- Easy to clean, will not harbour bacteria
- Free from voids, ledges and troublesome lippings
- Timber free construction
- Non porous and non-shedding
- Water and chemical resistant
- Will not warp, rot, swell or rust
- Lightweight, strong and user friendly
- Low maintenance

Applications:

- Pharmaceutical
- Life sciences
- Healthcare
- Food
- Retail
- Leisure

Standard door blade sizes:

Widths:	Heights:
525mm	2040mm
625mm	2440mm
725mm	
825mm	
925mm	
1025mm	
1125mm	
1225mm	

~Special sizes available upon request

Standard colours:

337 BS-00-E-55 White
 BS-00-A-01 Silver Grey
 BS-08-E-51 Golden Yellow
 BS-10-B15 Off White
 BS-10-E-53 Canary Yellow
 BS-18-B-25 Dark Admiralty Grey
 BS-18-E-50 Sky Blue
 DorteK Bright Orange
 DorteK Light Aircraft Grey
 DorteK Mid Blue
 DorteK Manilla
 DorteK Poppy Red
 DorteK Super White
 RAL 4009 Pastel Violet
 RAL 5015 Sky Blue
 RAL 5024 Pastel Blue
 RAL 6019 Pastel Green
 RAL 6021 Pale Green
 RAL 6027 Light Green
 RAL 6033 Mint Turquoise
 RAL 9010 Pure White

~RAL and BS reference colours available upon request

(Pair) Data Sheet

Door	Hygienic GRP swing
Type	Pair
Material	GRP
Core	High density vermiculite core 35mm thick
Finish	Smooth gelcoat with integral colour
Frame type:	
GRP	<input type="radio"/>
Stainless steel	<input type="radio"/>
Aluminium	NA
Fire rating	30, F60, F90, F120, F180, F240
Intumescent	Concealed within GRP
Seals:	
Edge	<input type="radio"/>
Frame	<input type="radio"/>
Bottom	<input type="radio"/>
Handing :	
Left	<input type="radio"/>
Right	<input type="radio"/>
Equal	<input type="radio"/>
Manual operation	Standard
Automated operation	<input type="radio"/>
Vision	Range of fire rated flush finish panels available
Lead lined	<input type="radio"/>
Ironmongery	Wide range of factory fitted ironmongery
Water resistant	Yes
Chemical resistant	Yes
Weight	Approx 26kg p/m2
Thermal conductivity	0.50 W/mK
Acoustic rating	29Db*

○ = Option available

* = Acoustic test based on single hinged GRP door in GRP frame containing frame seal and no vision panel

Features:

- 40mm overall thickness
- Smooth and seamless
- Easy to clean, will not harbour bacteria
- Free from voids, ledges and troublesome lippings
- Timber free construction
- Non porous and non-shedding
- Water and chemical resistant
- Will not warp, rot, swell or rust
- Lightweight, strong and user friendly
- Low maintenance

Applications:

- Pharmaceutical
- Life sciences
- Healthcare
- Food
- Retail
- Leisure

Standard door blade sizes:

Widths:	Heights:
525mm	2040mm
625mm	2440mm
725mm	
825mm	
925mm	
1025mm	
1125mm	
1225mm	

~Special sizes available upon request

Standard colours:

337 BS-00-E-55 White
 BS-00-A-01 Silver Grey
 BS-08-E-51 Golden Yellow
 BS-10-B15 Off White
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 DorteK Bright Orange
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 RAL 4009 Pastel Violet
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~RAL and BS reference colours available upon request