

## Hygienic Hinged Fire Doors

Single Action - GRP  
Fire Rated, Manual & Automatic



### 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.**

#### ULTRA CLEAN

Completely smooth and seamless gelcoat finish which is non porous and non shedding. Free from organic materials, ledges, recesses or right angles, 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 GLP and cGMP requirements.

#### FIRE & HEAT RESISTANT

Designed, tested and certified to meet the most stringent fire certifications. Available with up to 4 hours fire resistance. Completely heat resistant and designed to withstand areas with high humidity and extreme temperatures.

#### EXTREME DURABILITY

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

#### 100% WATER & CHEMICAL PROOF

Inorganic closed cell core which does not corrode or absorb moisture. Remains unaffected from exposure to water, steam, disinfectants, chlorine and strong chemicals including H<sub>2</sub>O<sub>2</sub>; even after decades of use.

#### UNCOMPROMISING QUALITY

Engineered to offer supreme quality and reliability. We can offer up to a 25 year guarantee on our doorblades.\*

#### COMPLETE TURNKEY SYSTEM

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

\*Terms and Conditions apply: contact us for details

## TECHNICAL FEATURES

### DOORBLADE

Seamless glass reinforced polyester encapsulating a non-organic, high density mineral fire core. Total thickness 40mm. Moisture absorption zero.

Fire rated doors and frame construction conforms to fire standards of American UL10C, British BS476:22, European EN1634-1, Singapore SS332, China GB12955, CSTB, Australian & New Zealand AS 1905.1

### SIZES

Moulded in 9 standard widths and 2 heights. Also available for special order in any non-standard height.

### FRAMES

- Available in 2 frame types: GRP or stainless steel.
- Seamless glass fibre reinforced polyester with insert for screw fixing direct to structure.
- Alternative stainless steel frames for fixing to installation panel and blockwork. Doors can be supplied for fixing to clients' own frames.
- Available with/without smoke seals.

### FINISH

- Easy to clean, maintenance-free, smooth, non porous, fire retardant, gelcoat surface with built-in choice of 20 colours.
- Available with antibacterial protection.
- Designed to withstand all typical cleaning methods including hydrogen peroxide.

### OPTIONS

- Factory-fitted ironmongery and door protection.
- Flush vision panels with integral blinds, smart glass or x-ray and laser protection.
- Automations & Interlocking.

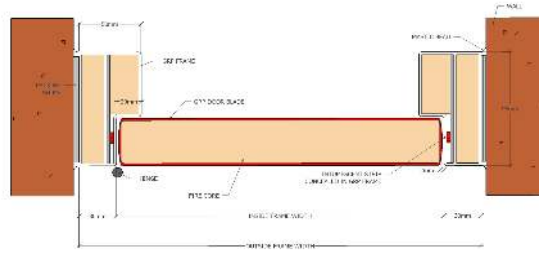
### GENERAL

- Doors are supplied pre-hung & fully fitted-out for easy site installation.

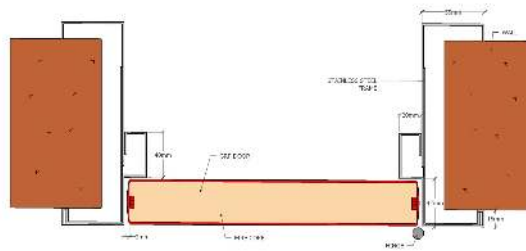


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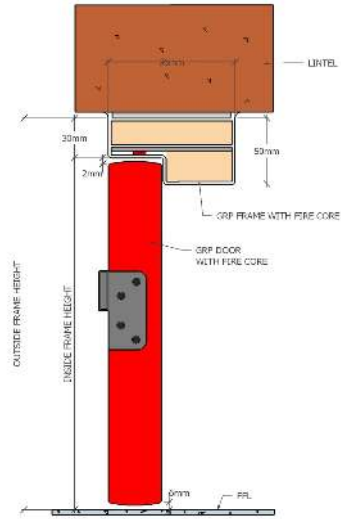
## Architectural Details



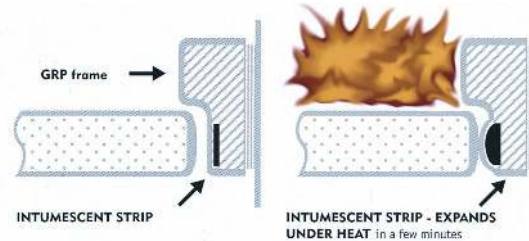
Right hand hung blade, fixed to GRP frame



Right hand hung blade, fixed to Stainless Steel frame



Side section, fixed to GRP frame detail



Patented concealed intumescent strip



Seamless Moulded GRP Door Panel



Flush Vision Panel

Factory-fitted Ironmongery

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