

Open & Shut Case

Implementing High-Speed Action Security Doors



Introduction

Automatic doors have a broad range of applications in settings such as factories, warehouses and transport depots. Technological advancements in the field don't claim to reinvent the wheel, however. Simplicity and functionality remain at the heart of development.

While traditional security features are a necessity, there is increasing demand for automatic, high-speed functioning. Along with resilience, these qualities can ensure an efficient, secure work environment with minimal downtime due to door jamming or damage.



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Industry challenges

Given the demands, doors must be properly equipped to stand up the rigours of heavy usage. While standard roller shutters or panel lift doors can provide the necessary security, they often fail to tolerate high frequency use and operate slowly when they are called into action.

It’s a concern for property owners and site managers if roller doors cannot be operated frequently without the need for maintenance. Servicing costs can add up quickly and cause delays by keeping doors out of use.

Security is also an increasing worry in areas such as building carparks, fire stations, and correctional services facilities. The faster a door can function, the less likely it is that security breaches will occur. Not only that, doors must be secure at all hours of the day when not in use.

The quest for high-speed, high-cycle automation, however, brings with it an added awareness of the risks that high operating speeds can bring to a door opening¹.

The greater the demands on speed and efficiency, the greater the need for vigilance with regard to safety.

Efaflex: swift and secure

Understanding the level and frequency of traffic flow is the first step in determining which door is best suited to the application at hand². This will also guide the decision over whether you require remote control or sensor detection.

Efaflex are German manufacturers of premium high-speed spiral, roll-up and folding doors – which can be used for indoor applications as well as inlet and outlet bays of production facilities and stores³.

Built on four decades of experience and development, Efaflex are committed to a philosophy of in-house research and efficient outcomes.

High-speed doors in the Efaflex S Series run quietly with no wear due to their unique spiral system when the doors are coiled to open. For doors with transparent laths, the spiral also ensures that the panels remain clean and unclouded, thus maintaining visibility as new.

With increasing global focus on the issue of increasing energy costs and limited resources, Efaflex products are always mindful of ecological aspects from the materials used, to their heat insulation and high operating speed reducing energy loss to outside or between rooms⁴ – potentially saving on your energy bills.



DMF Doors: your local supplier

As the exclusive Australian agent for Efaflex products, DMF are uniquely positioned to offer high-calibre products to local customers.

The DMF Efaflex range of doors provides both a secure access control and improved security by its fast action opening and closing. With speeds of approximately two metres per second, their doors will minimise the time the door is open and therefore reduce the risk of being exposed to unauthorised entry.

DMF International are a leading Australian company, manufacturing and distributing climate control doors, flexible PVC doors and high-speed automatic industrial doors. The durability of their Efaflex doors means they can tolerate over 500 cycles of operation

(opening and closing) per day.

Boasting over 40 years' experience, DMF is a family owned business that can design, create or recommend solutions whatever the application. All DMF doors are custom-made to size and design to ensure a unique solution is provided for a specific purpose.

DMF provides a complete solution of high speed security doors and are a fully dedicated Australian company who can supply either the roller spiral style door, or the horizontal folding door.

All of DMF's product range is bolstered by their expert industry knowledge and dedication to high quality service and customer support.



REFERENCES

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³Efaflex Door and Safety Systems

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⁴Efaflex – The World of Doors

http://www.efaflex.com/fileadmin/user_upload/website/Broschueren/pdf/GB_-_Efaflex_Gesamtprospekt-150_1_.en.pdf



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