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Appropriate Selection Of High Speed Doors Essential

The selection of high speed doors requires significant product and applications knowledge to ensure that the appropriate solution is chosen for a specific operation. Wim Dessing, managing director of Apex Strip Curtains, says that incorrect selection can impact on the efficiency of an operation and lead to additional costs being incurred.

Dessing explains that factors such as size of opening, frequency of opening and closing and the volume of vehicular traffic must be taken into consideration. "Purchasing a high speed door is not about selecting something from a catalogue during a quick office meeting. It is essential that a company with the correct level of knowledge does a comprehensive application-specific assessment and then presents the best overall solution."

One of the most important aspects when it comes to efficient operation in a manufacturing and/or warehousing facility is consistent performance of equipment and utilities, and this is true of high speed doors. The fast opening and closing action of the Apex high speed door not only improves productivity levels, but also enhances supply chain activities. These doors do not hinder personnel, forklift or vehicular traffic and, depending on the actual operation, can be either automatically or manually controlled.

Dessing says that, in addition to selecting an appropriate high speed door solution, it is also essential to deal with a company whose products are manufactured according to high quality standards and will stand the test of time. Apex Strip Curtains undertakes thorough quality testing of all working components of the high speed doors it supplies and this ensures complete customer reassurance.

The electronic units of the Traffic and Sector high speed doors, which form part of the company's range of solutions, comply with all IEC regulations and can be activated by any type of remote control equipment including photocells, pressure sensitive mats, movement detectors or induction loops.

And the counterweight balancing system is designed for high standards of performance and safety as well as fast semi-automatic reopening. The built-in automation unit protects the components from wear caused by the elements.

For the safety conscious business, the high speed doors available from Apex Strip Curtains & Doors feature a proximity sensor. This ensures that these high speed doors will not accidentally close while a vehicle or person is positioned in the open doorway.

In instances where doors need to be opened for short periods of time to allow the passage of vehicles, the Apex Traffic high speed door is the best option. This door is ideally suited to outdoor access applications in shipment areas and warehouses. Available in sizes up to 8 000 mm wide and 8 500 mm high, the door is a robust and aesthetically pleasing solution for medium and large entrances.

Designed and engineered with durability and longevity in mind, the Apex Traffic high speed door can resist winds of up to 50 km/h. A custom model which can withstand winds up to 90 km/h is also available. In addition, the material of construction is a strong self-extinguishing Class 2 fabric with excellent thermal insulation properties and the supporting structure is made from high quality galvanised steel. Where visibility is an issue, vision windows can be incorporated into the panels.

Apex Strip Curtains & Doors has ensured that installation is quick and easy by incorporating all the electrical drive gear and a special mechanical counterbalancing system within the support structure. To facilitate safety, the door is fitted with a release lever that opens it from either side in the event of a power failure or malfunction.

The fast acting Sector high speed door uses the same exclusive counterbalancing system as the Traffic door, and also has an extension spring activated by a release lever to facilitate semi-automatic re-opening. This door is compact, structurally flexible and has interchangeable transparent or coloured panels.

SELECTION OF HIGH SPEED DOORS PIC 01 : Wim Dessing, managing director of Apex Strip Curtains, says that incorrect selection can impact on the efficiency of an operation and lead to additional costs being incurred.

SELECTION OF HIGH SPEED DOORS PIC 02 : The Apex high speed door offers optimum solutions which will enhance operations in manufacturing and warehousing facilities.

SELECTION OF HIGH SPEED DOORS PIC 03 : Apex high speed doors offer efficiency in operation as well as durability.

SELECTION OF HIGH SPEED DOORS PIC 04 : For the safety conscious business, the high speed doors available from Apex Strip Curtains & Doors features a proximity sensor.

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