

User report

RELIABILITY CRITICAL FOR RESPONSE!

HIGH SPEED DOORS - METROPOLITAN FIRE BRIGADE (MFB)

Melbourne- Victoria, AUSTRALIA

Faced with escalating maintenance costs on antiquated door systems, the Metropolitan Fire Brigade (MFB) in Melbourne, Australia was looking for the right solution to the appliance bay doors of their fire stations.

Key criteria included the utmost importance on reliability, this was vital to ensure there was no delay in response times through mechanical failure of the door. Break down, or failure in operation would impede vehicles from exiting the station, resulting in increased response times and potentially endangering life. Due to the station often being un-manned during a call-out, it was also vital that the automatic closing function of the doors was reliable, and the capability of higher closing speeds impeded the ability of unwanted personnel entering the facility after a response to a fire.

Premier Door Systems Pty Ltd, a long time agent in Australia for EFAFLEX GmbH, supplied and installed the EFA-SFT, High Speed Folding Doors and EFA-STT, Transparent Turbo Door to the fire station appliance bay.

The EFAFLEX doors installed provided a solution with;

- Increased Operating Speeds, up to 2.2MPS
- High Cycle Rating, up to 200,000 per year
- Aesthetic Finish, through colour code powder coating and clear vision panels
- State of the Art Safety Features
- Capable of Manual Operation, in power failure

Utilizing the EFAFLEX MCP2 Control System, the doors were capable of being fully integrated into the stations Building Management and Security Systems. This included a specialized automated closing sequence for vehicles exiting the appliance bay.

The EFA-STT door was supplied with the TÜV-certified infrared light grid EFA-TLG®. The system is completely self-monitoring and is directly installed into the lateral door tracks. EFA-TLG® monitors the closing plane of the door up to a height of 2.5 metres, through an infrared light grid which can detect even the smallest obstacles without contact. This unique door technology provided increased protection to personnel and valuable appliance vehicles.

The doors were supplied powder-coated to match the required finish of the building, with the use of clear vision panels in the EFA-SFT and clear sections of the EFA-STT providing up to 70% transparency of the door curtain, this allowed a lot of natural light into the appliance bay area.

Installation of the EFAFLEX High Speed Doors has provided the Metropolitan Fire Brigade with doors that are capable of performing at a high standard in a very critical environment. Premier Door Systems offers sales and support for the EFAFLEX range in Australia.

