

Case Study

Jewers Doors Speeds Response for Wrexham's New Emergency Centre

SUMMARY

Overview

Industry: Emergency Services

Solution: Swift fast-acting, insulated bi-fold doors. (SWT-E)

Benefits

- Fully open in under 7 seconds for quick response
- Clear line of sight to avoid collision damage
- Fail-Safe security features to prevent injury during operation



About Jewers Doors Ltd

Jewers Doors is a world-leader in the design, manufacture, installation and repair of industrial doors across all industrial sectors.

Jewers Doors have been installed not only in the UK, but also throughout the world including Europe, Middle and Far East and New Zealand.

Jewers Doors put the finishing touches to the new £15 million Ambulance and Fire Services Resource Centre (AFSRC) at Wrexham with the installation of 14 pairs of Swift fast-acting, bi-fold doors. The new AFSR Centre accommodates eight fire appliance vehicles and six ambulances and replaces an obsolete fire station and two ambulance stations which are now co-located onto one modern, fast-response site.

The Challenge

Speed of operation, safety and reliability are the prime factors. Fire and ambulance vehicles need to exit rapidly when under 'blue light' emergency response conditions.

Speed of Operation

Vertical roller doors typically take twice as long to open as side folding doors. The Swift fast-acting, bi-fold doors that were installed take less than seven seconds to fully open in automatic operation. In the event of power failure, each door can be instantly and effortlessly opened manually via low-level disengage handles to prevent delays.



Safety Factors

Drivers find it more difficult to judge when there is sufficient height clearance with roller doors so there is a risk of tall vehicles such as fire engines hitting the bottom of the door while it's still opening. This not only means a costly repair to the door, but more expensively to the vehicles ladders and roof lights. As Swift doors open to the side, there is full height access at all times and drivers have full line of sight of the doors as they open ensuring a safe exit.

In addition, leading edges of the doors are fitted with full height pressure sensitive edges, so if doors were to meet resistance during closing, they would immediately stop and reverse, however, photocell beams inside and out create a safe area around the door to greatly reduce the risk of an impact ever occurring.

Do you need a full inspection report on an old or failing door or a professional company to survey openings and quote a price for new doors?

Jewers Doors are a DHF accredited company and operate under strict guidelines to advise on the best and safest solution for each application and provide an expert service that is second to none.

For further information e-mail Mark Jewers mjewers@jewersdoors.co.uk