



Case Study

Accessibility improved at Royal Orthopaedic Hospital

GDUK Door Solutions has completed the installation of a number of automatic doors at the Royal Orthopaedic Hospital (ROH) in Birmingham, designed to improve accessibility and patient care. The door systems include new automatic swing doors, folding doors and sliding doors at various locations across the Northfield hospital, which is one of the largest orthopedic centres in Europe.

The ROH NHS Foundation Trust chose to automate two manual fire-rated swing doors in the HDU (High Dependency Unit) with technologically advanced Gilgen FD 20 swing door operators. Contactless activation significantly improves hygiene and prevents the spread of viruses and bacteria for porters who transport heavy trolleys of medical supplies to and from theatre throughout the day. The powerful FD 20 operator is certified for use on fire doors providing up to 2 hours protection on timber door sets and incorporates advanced technology for extremely quiet, efficient and reliable operation.

In the theatre courtyard, a Gilgen FFM automatic folding door system was chosen because its specification makes it particularly suitable for corridors where there is limited space. The folding doors maximise the 1.5m clear opening width of the entrance providing easy passage for different users including the elderly, wheel chair users, patients on beds and disabled persons as well as able-bodied pedestrians. The FFM doors compliment an existing set of Gilgen folding doors on the other side of the courtyard and are activated by an infrared safety scanner which constantly monitors the area around the door to ensure safe, efficient opening.

Project Summary

Industry:
Hospitals / Healthcare

Requirement:
Automation of swing, sliding and folding doors to BS EN16005 guidelines

Products:
FD20 Swing Door Operators
SL35-PSX Single Sliding Doors
FFM Folding Doors

Quantity:
2 off FD20 operators, 2x SL35 sliding doors, 2x FFM folding doors



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“ Gilgen SL35-PSX sliding doors installed to the out-patients unit have improved accessibility, convenience and security. ”

Gilgen SL single sliding automatic doors with 2.2m x 1.8m glazed door leafs have been installed in two out-patient units. These large attractive doors, printed with the ROH logo, have helped to dramatically improve ease of access for patients and staff by replacing the previous heavy weight manual doors.

The SLX doors are fitted with pocket screens to prevent accidental contact when the door leaf is in motion and are activated through push pads. In addition the doors are integrated with the out-patient units fob system to maintain security outside normal working hours.

GDUK Door Solutions worked with the ROHBirmingham and provided support for the doors with planned maintenance visits to ensure reliability, whilst a 24/7 response service is also on hand in the event of breakdown.

The Royal Orthopedic NHS Foundation Trust in Northfield, Birmingham specialises in bone and joint problems and is also a professional teaching hospital offering planned orthopedic surgery. Gilgen Door Systems is a leading manufacturer of automatic doors, industrial doors and sliding wall systems ideal for health care and other intensive environments. The company has built an enviable reputation for the quality, style and durability of its door systems over the past 50 years.



“ The improved accessibility and convenience provided by the Gilgen automatic doors helps demonstrate the Royal Orthopedic Hospital's commitment to putting patients first and ensuring equality for all. We are delighted with the installation of the doors and more generally with the support of GDUK Door Solutions throughout the project ”

Dave Cooke, Estates Manager, Royal Orthopaedic Hospital, Birmingham

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