



INDUSTRY: **Healthcare**
 CLIENT: **Somerset NHS Foundation Trust**
 CONTRACTOR: **Kier**
 ARCHITECT: **BDP (Building Design Partnership)**

PROJECT:

The development of the new state-of-the-art Surgical Centre at Musgrove Park Hospital, in Taunton, for Somerset NHS Foundation Trust.

The stunning new build Surgical Centre will not only be used for operations and endoscopies but will also replace the old critical care unit. It comprises six endoscopy rooms, patient recovery and clinical support areas, eight operating theatres and 22 critical care beds for level two and three critical care patients.

Our brief from the architects BDP and main contractor Kier was for 24 door sets and multiple fixed glazed screens - with all door sets specified from our multi-award-winning Flo-motion® range of low-friction manual sliding doors.

CHALLENGES:

This was a brilliantly run project and it was a pleasure to work with BDP and Kier Construction again, so the challenges were minimal and restricted to the variety of clear-opening widths required, which ranged from 1550mm up to 1895mm.

SOLUTION:

As the innovators and manufacturers of Flo-Motion® doors, developed specifically for healthcare settings and first installed at Alder Hey Children's Hospital in 2015, our experience and technical ability to adapt hybrid versions of each door type ensured all aspects of our brief could be fulfilled.

Overall, we manufactured, supplied and installed these door sets:

- 2 x Flo-Motion® E32 (single door, sliding over a wall) with a clear opening width of 1895mm
- 5 x Flo-Motion® F12 (single door, sliding over a glazed screen) with a clear opening of 1550mm
- 8 x Flo-Motion® F11 (single door, sliding over a glazed screen) with a clear opening width of 1550mm
- 1 x Flo-Motion® F11 (single door, sliding over a glazed screen) with a clear opening width of 1745mm
- 5 x Flo-Motion® F01 (single door, sliding over a glazed screen and a wall) with a clear opening width of 1550mm
- 3 x Flo-Motion® F01 (single door, sliding over a glazed screen and a wall) with a clear opening width of 1745mm

FORCE TESTING:

All doors were force tested three times and certificates produced with the mean average reading for 24no doors being 10.74N. Notably, the E32 doors with 1895mm clear opening width were tested at 8.3N and 11.8N.

OUTCOME:

Our Flo-Motion® door sets and our glazed panels provide many significant benefits for patients, staff and visitors to the new Surgical Centre at Musgrove Park Hospital, including:

- Large sliding doors that are easy to open and close for users of all strengths and abilities
- Excellent light transfer that also maximises the feeling of spaciousness
- An attractive, efficient & effective environment for staff, patients & visitors.

“Throughout design and installation, Axis were very professional, pro-active, and excellent communicators, a pleasure to work with. The installation was of a very high standard and completed within our agreed timescale.

We recommend Axis and will happily use them again.”

Paul Ingram, Senior Project Manager, Kier

