

BUPA CROMWELL HOSPITAL LONDON, UK

Project Overview

Project	BUPA Cromwell Hospital – Adult Intensive Care Recovery Suite
Location	London
Application	Modular hygienic partitions, door sets, and vision panels installed within a critical healthcare facility
Walls	M100 (fire rated, and non-fire rated)
Doors	MIDDAS Solid and Flush Glazed Swing and Fully Glazed Sliding (fire rated, and non-fire rated) incorporating switchable privacy glass.
Glazing	Flush glazing modules and full height glazed walls (fire rated, and non-fire rated) incorporating switchable privacy glass.
Miscellaneous	Factory formed cut outs for service and equipment penetrations.
Performance	Fire (IE60) Acoustic (47 dB Rw) Structure (Heavy Duty BS 5234 Part 2) Hygienic (crevice free PVC finish suitable for a wide range of cleaning chemicals)

Background

Howorth Air Technology Ltd (HAT) were selected by the BUPA Cromwell Hospital to redevelop a floor within their Flag Ship Hospital to create a dedicated Adult Intensive Care Recovery Suite. MIDDAS supported HAT and their professional team through concept and detailed design, installation, and commissioning.

Brief

HAT required a modular partition system, manufactured off site, ready to install, fully co ordinated with their specialist equipment and services installation whilst achieving the HTM specifications and fire rating required for the facility. To add a further design dimension BUPA also wanted to incorporate switchable “smart glass” throughout the facility it provided enhanced privacy for their patients.

Solution

The proven M100 bi panel and mono panel partition system was selected after MIDDAS were able to demonstrate conformity to the hygienic, acoustic, structural and fire rating requirements. The MIDDAS M100 framework is designed to allow services to be routed through it and support the secondary equipment supplied by HAT from where prefinished hygienic wall panels are simply hung. The MIDDAS flush glazing and door sets, fire tested as a complete system were installed throughout the facility and MIDDAS integrated the smart glass into the vision panels, both fire-rated and none-fire rated achieving the high levels of patient privacy required by BUPA and their clients.



“We have been an advocate of offsite modular construction for healthcare facilities for a long time and the BUPA Cromwell project was perfect showcase of the benefits, resulting in a world class facility. MIDDAS worked closely with our delivery teams and partners to ensure a fully co ordinated solution and provided bespoke products required for this complex project.”

Tom Ford – Director
Howorth Air Technology Ltd