



Papworth Hospital

The design flexibility afforded by Eurobond's Europanel manufacturing capability has enabled Frank Shaw Architects to successfully deliver a ward extension for Papworth Hospital NHS Foundation Trust, despite a number of original constraints. The extension was required on a sloping site with limited access, and had to meet strict planning guidelines to reflect the standards demanded by the NHS.

The new 10 bed ward extension and outpatients facility was originally earmarked for a modular build, and planning permission granted. However, the site's restricted access meant that the delivery and erection of a pre-engineered building would pose too many difficulties. Instead, Frank Shaw Architects looked for a means of keeping to the original plans by using a composite panel system.

The extension of the Respiratory Support and Sleep Centre, which was the subject of a BBC 1 documentary, was made difficult by the sloping angle of the site. The new ward had to line up exactly with the existing building, meaning a variety of panel sizes were required to ensure correct alignment of floors, windows etc.

Eurobond operates a bespoke line, alongside its continuous line, able to meet such demands for non standard modules. Module widths are available in 5mm increments between 300mm and 1200mm which is unique to the composite panel industry. Papworth hospital required 40 different modules sizes, this flexibility enables feature bands to be provide in relatively small quantities and encourages simple and rapid installation.

Guiseppe Marinelli, from Frank Shaw Architects, specified the system, he said "We were extremely impressed by Eurobond's capability. Often with composite panel systems you are restrained to designing around the suppliers product restrictions and are often asked to relocated a window or door. This was never the case with Eurobond."

Client: Papworth Hospital

Architect: Frank Shaw Architects



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