

# Case Study

## Healthcare

### Leighton Hospital, Crewe

#### Facts about the project

Operating Theatres and Critical Care Unit, Leighton Hospital, Crewe (Mid Cheshire Hospitals NHS Foundation Trust)

Architect: David Stansfield, AFL Manchester

Main Contractor: Kelvin Dunleavy, Interserve

Ceiling Contractor: Simon Hill, Met Excel

Project size: 2500m<sup>2</sup>

Products: Ecophon Products:  
Focus E in special colour, Advantage, Meditec



The eight new operating theatres and 14 critical care bays at Leighton Hospital are the result of a £22.8 million investment. They replace facilities that were first opened in 1971, which were beginning to show their age. The refurbishment project brought the building up to date. For example: The vastly improved environment features individual bed bays separated by 'blink glass' which can be turned from clear to opaque at the touch of a button to instantly provide patient privacy.

The ceilings in this transformed space had to meet the high demands of infection control. Research has also shown that a particular blue colour can aid patient recovery times, so tiles and grid had to be painted in this specific colour.

Ecophon worked on site with the Main Contractor Interserve and the ceiling contractor Met Excel to develop the optimum ceiling system that would be suitable for the client by first creating mock up areas. Because of the high level of services, constant access into the ceiling void is required by the operations team at the hospital.

Ecophon's Martin Keogh explains the specialist requirements: "The challenge with hospital projects is meeting the hygiene requirements and complying with infection control. Ecophon's comprehensive hygiene range offers options to meet any demands

of this nature. Hospitals also require a lot of services such as heating and ventilation which can create a lot of noise, so a good acoustic product is also essential to keep a calm, quiet environment where patients can enjoy good quality sleep and recover in. The architect and client wanted a seamless finish for the ceiling, but the constraints didn't allow for a concealed grid system, Ecophon were able to colour match the tile and grid to give the desired look."

The end result are new facilities that feature the most up to date equipment available, and that will allow the people of Crewe, Nantwich and the surrounding area to receive truly first class treatment in a modern environment.

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