

# Healthy contribution to the success of Glenfield

## Products in use

- Rockfon® MediCare® Standard
- Rockfon® MediCare® Air
- Rockfon® Medicare® Plus
- Rockfon® System MaxiSpan™

Glenfield Hospital, Leicester



## Demanding specification

Glenfield in Leicester is one of the UK's leading hospitals for coronary care and respiratory diseases. The hospital's Vascular Services Department has been redeveloped to provide additional patient accommodation and services including a new Angiography Treatment Suite with a technically advanced Hybrid Theatre. 2,000m<sup>2</sup> Rockfon MediCare ceilings were installed throughout to meet the demanding specification requirements which included acoustic control, fire protection and hygiene.

Due to the complexity of the project and the installation of significant mechanical and electrical services within the existing service voids, the scheme was detailed and coordinated using Revit software in line with the Government mandate for the use of BIM Level 2. Regular meetings were held between P+HS Architects, the contractor and Rockfon to ensure design cohesion and smooth installation process.

Chris Thompson of Global Contract Interiors, Nottingham, "The versatility of Rockfon MediCare tiles and Rockfon System MaxiSpan helped overcome installation challenges as they were easy to fit, even where the ceiling void was so densely populated with services we couldn't use conventional wire hangers. A variety of grid and tiles were used on this project which enabled us to realise the architect's modern and innovative design and satisfy all the hygiene requirements which contributed to the success of the project."

#### Fully coordinated design package

P+HS Architects commented, "The Rockfon MediCare range were used throughout the scheme as they achieved the high level of cleanliness required by Infection Control as well as achieving the fire and acoustic performance requirements which were needed for compliance with healthcare guidance and relevant statutory authorities. In addition to the assistance provided for coordination, Rockfon also prepared full NBS clauses for insertion into the contract documents which ensured a fully coordinated design package."

The durable, long-life Rockfon MediCare ceiling range has been specifically developed for use in healthcare environments. The tiles have an aesthetically-pleasing surface which can be easily cleaned and is resistant to ubiquitous bacteria including MRSA.

#### Seamless appearance and Class A1 fire safety

Rockfon MediCare Standard 1800 x 600mm wide planks were chosen for the corridors to create a more seamless appearance. The wider planks are a perfect solution as it gives easier access to the services above. Its pleasing white surface offers high light reflectance to help maximise the lighting conditions along these essential passage ways. They offer the highest class of fire safety (Class A1) and can remain stable in the event of a fire, allowing staff and patients more time to evacuate safely.

#### Preventing the spread of infection

For the Angiography Treatment Suite, Rockfon MediCare Air was especially effective where differential air pressure is required to prevent the spread of infection.



Rockfon MediCare Air benefits from having a high-performance membrane and sealed edges. Combined with MediCare clips, the ceiling can achieve an air leakage rate of less than 0.5m<sup>3</sup>/h/m<sup>2</sup>/Pa under a pressure range of 5 to 40 Pa. Rockfon MediCare Air also offers the highest safety (Class A1), excellent sound absorption (Class B).

Rockfon Medicare Plus ceilings are ideal for demanding healthcare applications as they are durable enough to withstand specialist steam and high pressure cleaning. It's for this reason they were installed in the general wards at Glenfield. All Rockfon ceiling tiles are dimensionally stable even at humidity levels of up to 100% RH.

Find out more by visiting [www.rockfon.co.uk](http://www.rockfon.co.uk) or email [info@rockfon.co.uk](mailto:info@rockfon.co.uk)

Rockfon provide advanced stone wool acoustic ceiling and wall solutions to create beautiful, comfortable spaces. Easy to install and durable, they protect people from noise and the spread of fire while making a constructive contribution toward a sustainable future.