



Hygienic Coatings in a Hospital Environment – Case Study MRSA (meticillin resistant Staphylococcus aureus) & C. DIFF (C Difficile)

Project

New Oncology Wing, St. James' University Hospital, Leeds

Size

13,500m²

Products

Sterisheen NB

Client

St. James' Hospital Catalyst Healthcare Consortium

Contractor

Johns of Nottingham Ltd.



Liquid Plastics

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the contractor

A contractor who could perform, give certainty and provide quality systems and system performance was procured. Johns of Nottingham's implementation of their quality plan during the project was essential to the systems intended performance being achieved.

the background

At 66,500m², the new £220million Oncology Wing at St. James' University Hospital is one of Europe's largest cancer treatment centres. The building contains 12 Linear Accelerator treatment rooms and is a Cancer Centre of Excellence. The construction was completed by main contractor Bovis Lend Lease - co-founder of the Catalyst Healthcare Private Finance Initiative.

the challenge

Johns of Nottingham Ltd., a member of Liquid Plastics' Approved Hygiene Contractor programme, was asked to provide a water based, non-biocide solution for application to the internal walls within all hygienic areas inside the new Oncology Wing. The ultimate goal was to provide a seamless, elastomeric surface coating that could withstand repeated cleaning regimes allowing the hospital's high standard of hygiene to be easily maintained.

the solution

A bespoke version of Sterisheen - Liquid Plastics' high performance hygiene coating - was created specifically for this project. Sterisheen NB is a highly durable, mid-sheen coating that does not contain biocides, and could be quickly and easily applied to the internal walls using a roller or airless spray. Sterisheen NB was used in all hygienic areas, including corridors, with various colours used to highlight feature walls.

the benefits

Sterisheen is a tough, highly durable coating that can withstand repeated cleaning regimes. It is also highly elastomeric, allowing the coating to absorb impact and structural movement without cracking or flaking. Furthermore Sterisheen is expected to last in excess of 10 years, reducing life cycle costs and representing a superior alternative to traditional paints.