



SIKA AT WORK

NATIONAL SPERM BANK, BIRMINGHAM WOMEN'S HOSPITAL

ROOFING: Sika Liquid Plastics Decothane Ultra

NATIONAL SPERM BANK, BIRMINGHAM WOMEN'S HOSPITAL



PROJECT REQUIREMENTS

Due to its age, precautionary measures meant that a refurbishment of the National Sperm Bank at Birmingham Women's Hospital was needed to protect building from leaks.

It was imperative that the project be carried out with absolutely no disruption to the bank's essential services. In particular, there were concerns about odour from roofing products and disturbance to staff. In addition, correct temperature within the sperm bank is imperative at all times, as the samples are stored under what is termed as 'volatile conditions'. Switching off machinery and ventilation or removing staff was not an option. Therefore, speed and the lowest possible level of disruption were key when selecting a product and a contractor. Crucially, the head of estates and facilities at the hospital required a roof waterproofing solution that avoided the risks of hot works and odour, so as not to disrupt staff, while offering a long-lasting and durable finish.

SIKA LIQUID PLASTICS SOLUTION

Compromise wasn't an option when specifying products for this highly sensitive site. Sika Liquid Plastic's new low odour liquid applied product, Decothane Ultra, was chosen to make sure that the works caused no disturbance to the vital facilities below.

Our most current General Sales Conditions shall apply.
Please consult the Data Sheet prior to any use and processing.



FM 12504



EMS 45308



OHS 585274

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Through careful engineering and innovation, Sika Liquid Plastics developed Decothane Ultra using patented technology to enable use on sites such as hospitals, food manufacturing plants and schools, without the worry of odour. The product was tested by Odournet, a team of independent consultants that delivers top level sensory analysis for product optimisation and material testing. Decothane Ultra was proven to have a much lower odour when benchmarked against other single pack polyurethanes available in the market.

A cold applied liquid membrane, Decothane Ultra was suitable to seamlessly cover the existing roof of the National Sperm Bank and prevent water ingress around the existing plant, lightning conductors and pipe penetrations. Plus, it would avoid the risk of hot works on the site. Tasked with waterproofing a roof covered in plant, contractor Rio Asphalt had to work within a short timeframe while the building was in constant use.

Martin Raithby, contracts manager at Rio Asphalt, commented that Decothane Ultra was a great choice for the project, considering the fast turnaround required. The contractor was given two weeks to finish the refurbishment, which was especially challenging due to the sheer amount of detailing they had to work with.

To deliver the 20 year guarantee and ensure the Sperm Bank roof would be sound for years to come, the works were inspected during progress by the Sika Liquid Plastics technical team, leading to a full 34 point Final Inspection Certificate sign-off. The entire project was completed without disruption to the essential services of the bank below and the building remained operational throughout.

PROJECT PARTICIPANTS

Product: Sika Liquid Plastics Decothane Ultra
Contractor: Rio Asphalt

