



# SIKA AT WORK

## SIDGWICK BUILDING, UNIVERSITY OF CAMBRIDGE

REFURBISHMENT: Sikagard®, Sika® MonoTop® and Sika® Ferrogard®-903+

BUILDING TRUST



# SIDGWICK BUILDING, UNIVERSITY OF CAMBRIDGE





**TOP GRADE REPAIR SOLUTIONS AT CAMBRIDGE UNIVERSITY REFURB.**

In a conservation area at the University of Cambridge, global building product manufacturer Sika has supplied a comprehensive concrete repair and corrosion inhibitor system – fully compliant with BS EN 1504 standards – to return five ageing buildings to the highest standards of aesthetics, performance and weather resistance.

Located on the western edge of Cambridge city centre, Sidgwick Site is home to several of the university's arts and humanities faculties. Appointed to repair damaged concrete and protect the structural steel of five individual structures, contractor Concrete Repairs Limited (CRL) completed the 1,400m<sup>2</sup> application within a 10 week works programme.



# SIDGWICK BUILDING UNIVERSITY OF CAMBRIDGE



CRL applied [Sika® MonoTop](#) – a cementitious one-component system consisting of polymer modified mortars – to make primary repairs to the concrete frame. With good resistance to water and chloride penetration, the system provides long term protection to prevent future damage to the buildings' concrete structure.

Designed to extend the service life of aesthetically valuable concrete surfaces, [Sika® Ferrogard®-903+](#) was then spray-applied to all refurbished external elements. Easy to apply and cost-effective, [Sika® Ferrogard®-903+](#) penetrates the concrete to provide a protective layer around steel reinforcement whilst maintaining the aesthetics of the structure.

With all five buildings located within the conservation area, the repair system had to be completed with a sympathetic finish to the sensitive location. Approved to adhere to the area's strict application requirements, two clear protective coatings – [Sikagard® 680S](#) Clearglaze and [Sikagard® 700S](#) – were applied to provide the final layer of weather protection.

Offering expert specification advice and support, each product is manufactured and tested to the highest standards.

With a range of solutions that include concrete repair mortars, anti-corrosion coatings, corrosion inhibitors and sealants – Sika offered the perfect regeneration solution for the refurbishment and long term protection of the concrete buildings at Sidgwick Site.

**For further information call 0800 112 3863.**