



SIKA AT WORK

COLLEGE GARDENS, BRIGHTON

FLOORING: Sikagard® and MonoTop®

BUILDING TRUST



COLLEGE GARDENS BRIGHTON



SIKA CONCRETE REPAIR SYSTEM PROTECTS BRIGHTON HOME FROM SEASIDE CORROSION.

Although a robust and durable building material, concrete can be severely damaged by salts found in coastal environments. So when a Brighton home began to show signs of extreme concrete degradation, including corrosion to structural steel beams, a comprehensive concrete repair system from [Sika](#) was specified to return it to its former glory and keep it protected for years to come.

Located just 200 metres from Brighton seafront, the 19th Century terraced home on College Gardens had suffered years of attack due to the marine environment. With the building's rusticated concrete facade showing extreme corrosion, urgent repairs were required. Building refurbishment specialist, RockProtex, was appointed to carry out a comprehensive repair programme – a programme that was to be completed in just three working days.

With many years experience using products and systems from global leading building product manufacturer [Sika](#), [RockProtex](#) once again utilised the company's abilities to deliver a concrete repair solution that combined fast application, high performance and long term reliability.

RockProtex cleaned and protected the concrete's steel reinforcement bars with [Sika® MonoTop®-610](#). After protecting the steel against future corrosion, all damaged concrete across the building façade, supporting beams and an adjoining archway was removed. All areas were then reinstated using [Sika® MonoTop®-615](#) polymer modified concrete repair mortar.

Any minor undulations in the repaired concrete were then restored using an overall levelling coat of [Sika® MonoTop®-620](#), leaving a perfect repair and replacement of the original concrete substrate. Used as a finishing and levelling coat, [Sika® MonoTop®-620](#) helps to restore the surface impaired concrete and provide a continuously, smooth surface prior to the application of the further protective coatings.

The repairs were completed with the application of two coats of [Sikagard®-675W ElastoColor](#). With a proven track record and a simple installation process, the protective/decorative anti-carbonation coating can be applied over existing coatings or directly onto the concrete to offer protection and aesthetic enhancement.

All of the Sika repair products specified offer a long term, proven track record whilst meeting and exceeding the technical and performance requirements of EN 1504, the industry standard for the repair of concrete structures.

With the external concrete structure fully repaired and protected, the stunning house has been returned to its glorious best. A complete solution from RockProtex and Sika has given the building owner peace of mind that their interior and exterior will no longer be susceptible to the aggressive and corrosive elements of the south coast.

For further information call 0800 112 3863