



# SIKA AT WORK

## ISLAND GARDENS, LONDON

REFURBISHMENT: Sika® MonoTop® and Sikagard®

BUILDING TRUST



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### SIKA ENSURES HOUSING ESTATE IS FIT FOR THE FUTURE.

When a London housing association required a cost effective and reliable way to repair damaged concrete surfaces and extend the life of several tower blocks on the Isle of Dogs, leading concrete repair specialist Renocon Ltd specified an advanced concrete repair system from global building product manufacturer Sika.

Forming part of the regeneration of the Island Gardens Estate in East London, a number of residential low rise housing blocks that were built in the 1960's required refurbishment due to concrete deterioration. With the intention of repairing and protecting, the specification for client Island Homes Association included high performance mortars, [corrosion management systems](#) and sealants.



Prepare surface prior to repair ↑

Building looking as good as new →



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To meet the requirements of EN 1504: the European Standard for the protection and repair of reinforced concrete, Renocon Ltd specified the proven Sika concrete repair system, comprising [Sika® MonoTop®](#) and [Sikagard®-675W ElastoColor](#). These systems have an impressive track record which goes back more than 15 years, and conform to the performance requirements of the more recent EN standards, demonstrating Sika's historical commitment to providing long term technically correct construction solutions.

Renocon Ltd applied [Sika® MonoTop®](#) – a cementitious two-component system which consists of polymer modified mortars – to make primary repairs to the damaged concrete frame. With a good resistance to water and chloride penetration, it will help to protect the building's concrete exterior from future damage.

To provide an overall layer of protection and in order to match the existing surfaces, [Sikagard®-675W ElastoColor](#) was applied to the precast concrete panels. Used to aesthetically enhance concrete substrates and particularly suited as a final protective coating for façades, the anti-carbonation treatment provides a high quality yet economical water-based, acrylic coating to protect against weathering and ageing.

Sika's concrete repair and protection solutions are designed to rehabilitate and restore concrete surfaces back to their original quality. Concrete repair mortars, anti-corrosion coatings, corrosion inhibitors, reinforcement corrosion protectors and the full [Sika® Galvashield®](#) range of embedded galvanic anodes make up the extensive range that Sika offers. Suitable for a wide range of concrete repair applications from bridges to social housing, car parks to commercial buildings, all of these products are backed up by a highly experienced technical team who offer expert specification advice and support.

The specification of the comprehensive [Sika concrete repair system](#) proved the ideal solution at the Island Gardens Estate delivering exceptional reliability, ease of application and an attractive finish protecting the residential estate for many years to come.

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