



# SIKA AT WORK

## MEADOWS CAR PARK, CHELMSFORD

REFURBISHMENT: Sika® Ferrogard®-903+, Sikagard®-550W Elastic, Sikafloor®-RB28 system and Sikafloor®-EB24

BUILDING TRUST



# MEADOWS CAR PARK CHELMSFORD



## SIKA AND CEMPLAS COMBINE TO TRANSFORM CITY CENTRE CAR PARK

Sika, in conjunction with Cemplas Waterproofing and Concrete Repairs, delivered a rapid-cure surface to provide a city centre car park with watertight protection in just seven weeks.

Meadows multi-storey car park in Chelmsford was in need of an urgent upgrade due to time and the elements taking their toll on concrete surfaces throughout the building, leading to water ingress in areas. Clients, Chelmsford City Council, required a waterproofing solution that not only offered the ultimate watertight protection, its rapid-install properties were essential to ensuring the project was completed in good time in order to minimise driver disruption. Sika had the ideal solution.

All concrete repairs, deck waterproofing, movement joints and line-marking at the 391-space car park was carried out by Cemplas Waterproofing and Concrete Repairs – a Sika Accredited Car Park Specialist Contractor. As members of the scheme, Cemplas were able to provide the client with a dual guarantee; that the products specified will perform to the highest standards and the installers applying them have met the requisite standards of workmanship and have an excellent track record in supplying Sika car park systems.

For the Meadows refurbishment, following surface preparation and repairs, [Sika® Ferrogard®-903+](#), a surface-applied, multi-functional impregnation corrosion inhibitor was applied to all 7,200m<sup>2</sup> of internal decks. This preceded the application of [Sikafloor®-EB24 -2.3a](#) high-performance, rapid-curing deck waterproofing system. [Sikagard®-550 W Elastic](#), a elasto-meric, anti-carbonation coating, was applied to approximately 15,000m<sup>2</sup> of concrete soffits and ,beams and columns to dramatically transform the car park's internal appearance.

The existing asphalt rooftop, which totaled 1,800m<sup>2</sup> in area, was re-waterproofed using the rapid-cure [Sikafloor®- RB28 system](#). This was installed directly onto the existing asphalt layer following compatibility testing carried out by Sika.

Graeme Middleton, Business Development Manager at Cemplas Waterproofing and Concrete Repairs, said: "Sika's rapid-apply system was vital in delivering a high-quality waterproofing solution within the client's strict deadline. The product performance, coupled with the experience and expertise of our on-site installation teams helped transform the car park into a smart, safe, waterproof area for drivers."

Completed in just seven weeks, the refurbished Meadows multi-storey car park will provide long-standing testimony to a perfect match – Sika's superb waterproofing properties and Cemplas' outstanding workmanship.

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