

# MULTI-STOREY CAR PARK REFURBISHMENT



- condition surveys ■
- deck waterproofing ■
- vehicle barriers ■
- concrete repair ■
- lighting & CCTV ■
- joint sealants ■

CRL IS A NATIONWIDE specialist contractor providing a comprehensive service for the inspection and refurbishment of multi storey and underground car parks. Car parks are important assets for many shopping centres and businesses and it is important for these to be maintained both for safety and commercial reasons. Working with our clients we undertake condition and structural assessments to identify the nature and extent of any defects using our survey division, CRL Surveys Ltd. We then advise on the repair options and costs so that CRL can deliver efficient, innovative solutions in a safe and professional manner with minimal disruption to users.

- Deck waterproofing
- Protective & decorative coatings
- New lighting & signage
- CCTV security
- Ticketing systems
- Vehicle barriers
- Condition surveys
- Concrete repair
- Structural assessment
- Structural strengthening
- Joint sealants
- Corrosion control



**DECK WATERPROOFING** is often used to enhance the appearance and durability of car parks. CRL is approved to install a range of deck waterproofing systems which are liquid applied to the decks

with the parking bays and traffic/pedestrian aisles delineated to enhance safety. The membranes are installed with proprietary joint systems to ensure the

decks are watertight. These membranes not only help protect the concrete decks from de-icing salts which are a major cause of the concrete deterioration but also dramatically improve the aesthetic appeal of the structure.

## TOP DECK WATERPROOFING



**THE SAFER PARKING SCHEME** initiated by ACPO and Life Care Plans for car parks are recognised industry standards for the parking sector. The Safer Parking Scheme is managed by the British Parking Association and ensures that the car park provides a safe environment for users. Life Care Plans are an industry standard to ensure the structural integrity of the car park is managed throughout its service life. CRL is able to assist clients to ensure their parking structures meet these standards for the personal safety of users and structural integrity of the car park.



**MANY CAR PARKS** deteriorate due to corrosion of the reinforcement from de-icing salts, brought in by the vehicles, which causes the concrete to crack and spall. This is a safety hazard to the car park users



and if not treated will also structurally weaken the car park and lead to closure. CRL undertakes the repairs to the concrete and if required can design and install a

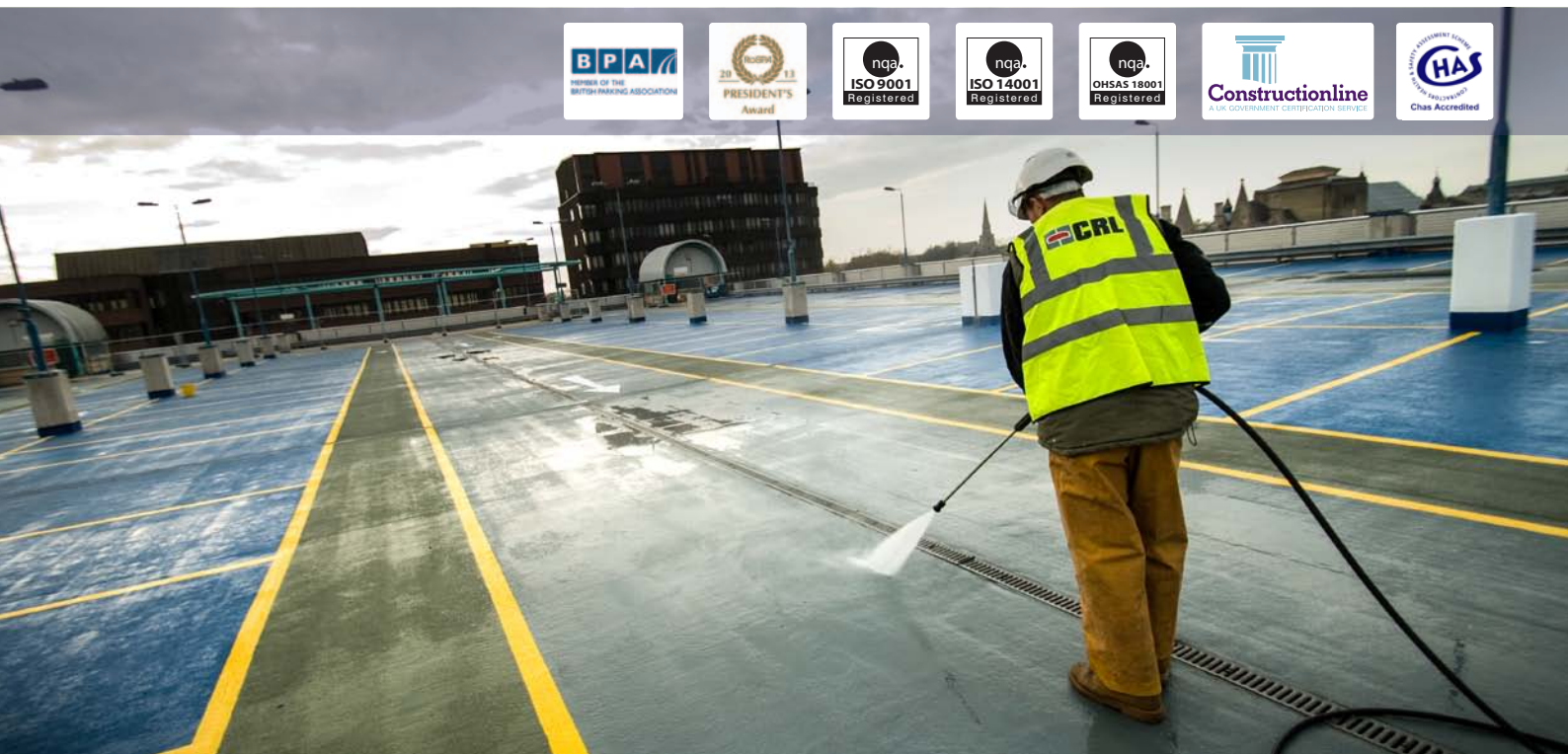
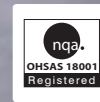
## CORROSION CONTROL SYSTEMS

corrosion control system to improve durability all in accordance with the European Standards EN1504 and EN12696. The repair works are usually programmed to ensure that the car park can remain in limited use whilst ensuring the safety of the public.

Asda  
 Aviva Life & Pensions  
 Birmingham City Council  
 Cambridge City Council  
 Carmarthenshire County Council  
 City & County of Swansea Council  
 Exeter City Council  
 Guildford Borough Council  
 Hammerson plc  
 Hartlepool Borough Council  
 Isle of Man Government  
 Leeds City Council  
 Leicester Royal Infirmary

London Borough of Bromley  
 London Borough of Croydon  
 Macclesfield Council  
 Moray Council  
 National Car Parks  
 Ninewells Hospital  
 Northampton Borough Council  
 Nottingham City Council  
 Sainsburys  
 States of Jersey  
 Sunderland City Council  
 Swindon Borough Council  
 Vinci Parking

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