

# 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

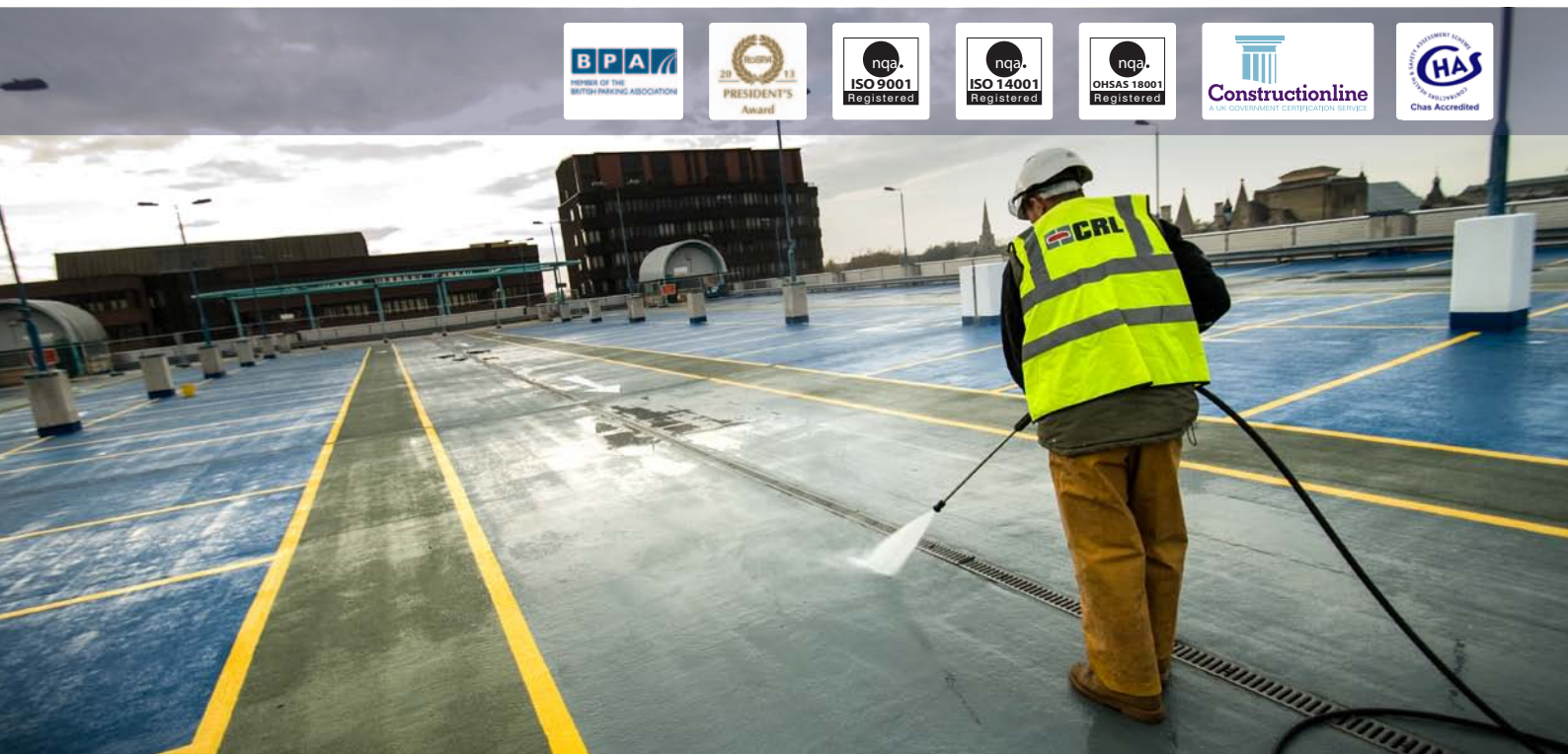
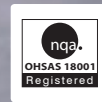
## CORROSION CONTROL SYSTEMS

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

[www.concrete-repairs.co.uk](http://www.concrete-repairs.co.uk)



#### LONDON & SOUTH EAST

Cathite House  
23a Willow Lane  
Mitcham, Surrey  
CR4 4TU  
020 8288 4848  
[london@crl.eu.com](mailto:london@crl.eu.com)

#### NORTH EAST & MIDLANDS

Portland House  
Britannia Road  
Chesterfield  
S40 2TZ  
01246 544 900  
[chesterfield@crl.eu.com](mailto:chesterfield@crl.eu.com)

#### SOUTH WEST & SOUTH WALES

The Old Boiler House  
Burnett Business Park  
Gypsy Lane, Keynsham  
Bristol, BS31 2ED  
0117 986 8088  
[bristol@crl.eu.com](mailto:bristol@crl.eu.com)

#### SCOTLAND

Carron House  
16 Winchester Avenue  
Denny, Falkirk  
FK6 6QE  
01324 821 400  
[falkirk@crl.eu.com](mailto:falkirk@crl.eu.com)

#### NORTH WEST & NORTH WALES

Chadwick House  
Birchwood Park  
Warrington  
WA3 6AE  
01925 574060  
[warrington@crl.eu.com](mailto:warrington@crl.eu.com)