

Office Car Park
Binding Site, Birmingham

SCOPE

- // Block Paving
- // Drainage
- // Re-Waterproofing
- // External Decorations

DETAILS

- // Basement car park
- // >100m of block paving and sub-base excavation
- // Re-waterproofed with Sikalastic 8800
- // Reinstatement of block paving
- // > 40m of new drainage channels installed
- // Stone stair treads replaced following re-waterproofing

Case Study // Office Parking

Client | **CBRE**
Role | **Principal Contractor**

Before: Leaking Entrance Steps



After: Steps Fully Waterproofed

The scope of this refurbishment was to re-waterproof areas of the surface car park and entrance steps directly adjacent to the building's undercroft car park.

The block paving and sub-base around the perimeter of the building had to be removed followed by excavation to expose the existing concrete surfaces of the capping

During: Block Paving Removal & Excavation



During: Drainage Installed

beams. Following the installation of new ACO drainage channels to the entrance and exit ramps, Sikalastic 8800 was hot-spray applied to re-waterproof the excavated areas. After back-filling, the original pavers were reinstated with the addition of new yellow paving creating a pedestrian walkway.

With water ingressing to the undercroft car park via the

After: New Pedestrian Walkway



After: Exit Ramp Watertight

existing entrance steps, these were removed and replaced with new stone treads installed following the application of the Sikalastic waterproofing system. Re-waterproofing works adjacent to the exit ramp were also required to make watertight.

Landscape works also saw the removal of hedges surrounding the front of the building and replaced broken slate to reduce ongoing maintenance needs.



Cemplas Waterproofing & Concrete Repairs Ltd
Suite 2, Discovery House, Jubilee Estate,
Gorsey Lane, Coleshill, B46 1JU
T: 01675 488261
E: info@cemplas.co.uk **W:** www.cemplas.co.uk

