

## Car Park Entry & Exit Ramp

Ealing Broadway Shopping Centre MSCP

### SCOPE

- // Concrete Repair
- // Self-Levelling Mortar
- // Deck Waterproofing
- // Linemarking

### DETAILS

- // Shopping centre car park ramp
- // In excess of 320m<sup>2</sup> of walkways and entry and exit ramps re-waterproofed
- // Westwood's fully reinforced Wecryl waterproofing system



# Case Study // Car Parks

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

**Before:** Water Ingress Into Retail Units Below

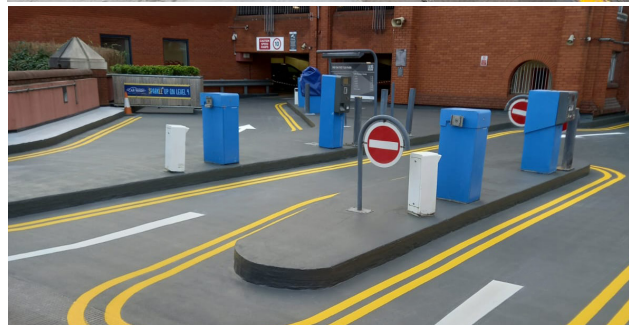


**During:** The Build Up & Feather Out Of The Height Difference

**The scope of this refurbishment was to replace the existing waterproofing system as it was allowing water ingress into the retail units below one of the entrance and exit ramps.**

The asphalt underneath the waterproofing system – which had come to the end of its serviceable life – had become displaced from where cars had been parked upon entry, with damage and slumping to the asphalt around the kerbs, leading to the water ingress.

**Before:** Damage To Existing Waterproofing System & Asphalt



**After:** Watertight Waterproofing Finish

Following the removal of the asphalt, planing and captive blasting was used to prepare the substrate and ensure all imperfections were levelled off and repaired while the drainage outlets and channels were lowered to the new height.

A self-levelling mortar was applied to build up and feather out the difference in height between the new waterproofing system and the existing asphalt while still following the existing falls within the cementitious structure.

**During:** Removal Of Asphalt To The Cementitious Structure



**After:** Application Of Vibrant New Line Markings

Westwood's Wecryl waterproofing system which has crack-bridging, joint-bridging, trafficable and slip-resistant properties was applied to the entrance and exit ramp and pedestrian walkways of the Oaks Road entrance to this shopping centre ensuring the structure beneath became watertight.

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