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Reference Report

Charter House Car Park





Charter House Car Park

Wecryl Waterproofing System on a Car Park Refurbishment

Contractor: Noble House Services Ltd

Project: Charter House Car Park, Russell Street, Cambridge. CB2 1HT.

Substrate: Asphalt

Size: 425m²

Material: Wecryl 222, Wecryl 230, Wecryl 233, Wecryl 288, Weseal 810 Putty

Completion: December 2017

NOBLE HOUSE 
SERVICES LIMITED



Before

Background: The car park is situated above a basement parking area and had been leaking for several years, due to cracks in the asphalt caused by structural movement. The car park is in constant use as it services an office block, which meant that there were time constraints for the works to take place. Application also took place during the winter months, adding to the complexity of the project.

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The Wecryl 230 reinforced waterproofing being applied



The Wecryl 233 wearing layer applied using a trowel with the quartz sand broadcast to follow

The Solution: A Wecryl fully reinforced system with wearing layers and a non-slip finish was installed. Wecryl 288 sealer coat provided the end colour and the demarcation.

Weseal 810 Putty is a rapid curing product that was utilised to repair any minor cracks prior to waterproofing with Wecryl 230.

Wecryl 230 waterproofing has elastomeric properties therefore it can accommodate any typical structural or thermal movement that is likely to occur.

To protect the waterproofing and to provide a non-slip finish quartz sand was broadcast into the Wecryl 233 wearing layer. This provides a robust layer designed to take vehicular traffic but which is also flexible. Wecryl products can be used to even up any depressions in the asphalt before the main waterproofing starts.



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A fully reinforced elastomeric and hard wearing system installed

The Benefits: Each layer of the system is rapid curing and retains these properties even in colder temperatures. The products are showerproof in 15 minutes. During the project the inclement weather did have an effect on the schedule. However, the fast curing PMMA products used allowed the application to continue with the car park remaining watertight at all times.

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