



WestWood®
Qualität + Erfahrung

Reference Report

Underground Car Park

in Koblenz



Project: "Schloss" underground car park in
Koblenz, Germany
Size: 11'260 m²
Substrate: Concrete and metal
Date: April to May 2010
System installed: Weproof Waterproofing System 3 with
fleece-reinforced waterproofing for
details





"Schloss" underground car park in Koblenz, Germany

The System for Multi-Storey Car Parks with high Traffic flows

This underground car park is near the Electoral Palace (or "Schloss") in the city. It opened in May 2010 and offers its customers excellent parking facilities. The clear layout and the light and welcoming design are noticeable as soon as you drive in. The 446 parking areas are divided into sections of cool green and restful blue. Furthermore, the large bay numbers and clear signage make it easy for users to find their way around. This recently built car park is always busy, not only on

account of its proximity to the palace, but also because it provided direct access to the national garden show - BUGA 2011 - and because it is conveniently located for the city centre. Consequently one of the key criteria when it came to selecting the materials and contractors was sustainability. Contemporary, energy-saving LED lighting is installed here, as is a modern and highly durable PMMA Surfacing System that also acts as waterproofing.



Wecryl Primer 276 is applied to the shot-blasted concrete surface



Details on gullies and floor drains are waterproofed wet in wet with Weproof Flex RR 354 and strips of WestWood Fleece



This involves applying an initial layer of PMMA resin, embedding the strips of fleece and removing any air bubbles, then saturating the fleece with the same resin



Weproof Fix RR 359 in green, a waterproofing product for main areas, is applied using notched trowels and spiked rollers



Stainless steel trowels are used to apply hard-wearing Wecryl textured surfacing



The bays are measured out and masking tape is applied exactly in line with the layout



The parking bays are sealed with low-maintenance Wecryl Finish 288 in shades of green and blue



Stencils are used for the car park numbers as well as...



... the arrows, with white Wecryl Finish 288

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