



WestWood®
Qualität + Erfahrung

Reference Report

Windmühlenstraße Multi-Storey Car Park

in Hannover

- Project: Windmühlenstrasse multi-storey car park in Hanover
- Size: Four parking levels incl. ramps
Car park with entrance and exit, Total area approx. 8,000 m²
- Substrate: Asphalt, concrete and metal
- Date: July to November 2015,
January to February 2016
- Specification: Wecryl Surfacing System

Visualisierung: MACINA digital film GmbH & Co KG





Bright, resilient surface protection

City-centre car park with apartments on upper storey gets a PMMA facelift

This centrally located split-level car park was opened in 1964 and offers approximately 250 parking spaces for customers with 24/7 availability. In 2013 Union Boden GmbH, in collaboration with cityförster urban planning consultants, launched its 'residential add-on' project, which also included refurbishment of 8,000 m² devoted to parking levels. The approved local contractor, Grossmann & Stühmeier, helped the

developers meet the following key requirements:

1. Dark asphalt surfaces to be light
2. Critical upstands and details to be permanently waterproofed
3. Installation of the heavy-duty surface protection system during the winter months without closure of the car park



80 % of parking bays were available throughout, as work progressed in sections. Here we can see the primer being applied to the shot-blasted asphalt.



The PMMA products could be applied safely even at low temperatures. Surface defects are made good with a trowel-applied filler, as shown here.



All details, e.g. around pillars, floor drains or upstands, were waterproofed with a lasting, fleece-reinforced liquid-applied system.



A roller was used to give the textured surfacing, approx. 2 mm thick, an even finish.



The traffic lanes and ramps were coated with the extremely abrasion-resistant and non-skid textured surfacing (R13 slip resistance rating).



The surface was sealed with a PMMA-Finish to bring out the colours and make the area easy to clean.



Finally the specialist contractors marked out the parking bays with a white PMMA Finish.



The pedestrian route to the stairway was highlighted in an eye-catching shade of traffic red.



The designated spaces with charging points for electric vehicles on level 1 were clearly marked in a vivid green.

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