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Qualität + Erfahrung

GUTEN
TAG

Reference Report

Underground Car Park GENOBANK

in Essen

GEMEINSAM
ENGAGIERT
**NAH
OFFEN**
MEHR ERREICHEN IN ESSEN

- Project: Underground car park GENO BANK
ESSEN eG, Essen
- Size: Underground car park, incl. ramps as
well as entrance and exit, total area
approx. 2,300 m²
- Substrate: Concrete and metal
- Date: 3 weeks, May/June 2015
- Specification: Combination of Wecryl Roof
Waterproofing System and Weproof
High-Build System (with reaction to fire
class Cfl-s1)





Underground car park successfully refurbished with PMMA

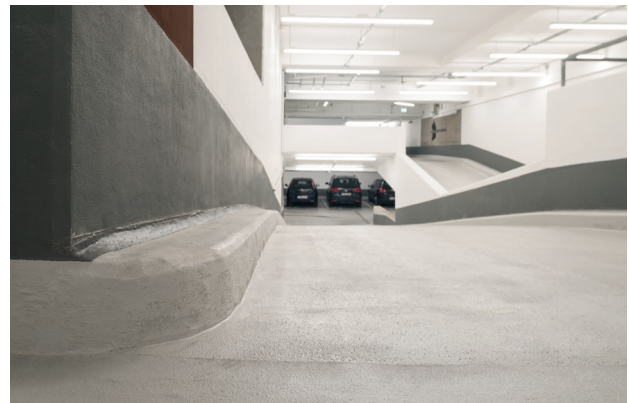
Cfl-s1 as the basis for Coal & Steel

A functional implementation of the new German building regulations for special-purpose constructions (SBauVO) and an impressive design were the aims pursued by GENO BANK ESSEN eG with the refurbishment of its underground car park. A key part was played by the crack-bridging liquid waterproofing

system with fleece reinforcement as well as its flame-resistant build-up. The „Coal & Steel“ design created by a local artist in homage to the area's industrial heritage added the finishing touch to this refurbished underground car park.



The fleece-reinforced, liquid waterproofing system, classified as flame-resistant, incorporates all upstands and details up to a height of 15 cm, thereby providing reliable protection against moisture and chloride.



The Weproof High-Build System proved an excellent choice as a protective, heavy-duty wear layer. A special characteristic of this system is that it possesses the necessary SBauVO approval as regards its reaction to fire.



PMMA-based products were also used for marking the escape routes, although in this case with afterglow additions. This means that customers can safely find their way out in an emergency, even in the dark.



The driving lanes were given a light, reflective finish. Parking bays and arrow markings were offset in dark grey.

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