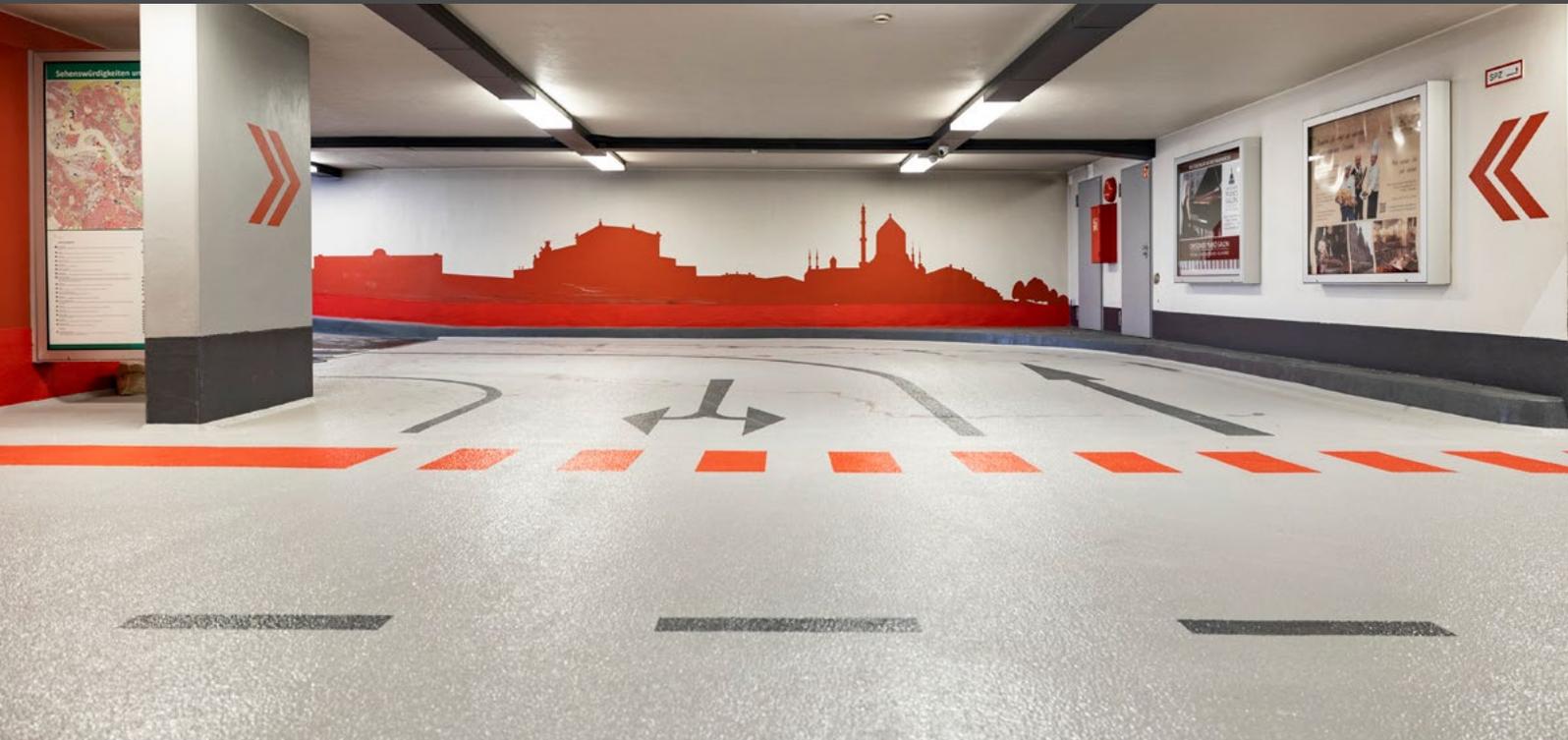


CASE STUDY

>>object: car park, Frauenkirche Dresden



Spindle for entry and exit



Ready-to-use wear layer VIASOL UREA S6001 P

VIASOL DECK spray rapid is the measure of all things in surface protection for multi-storey car parks.

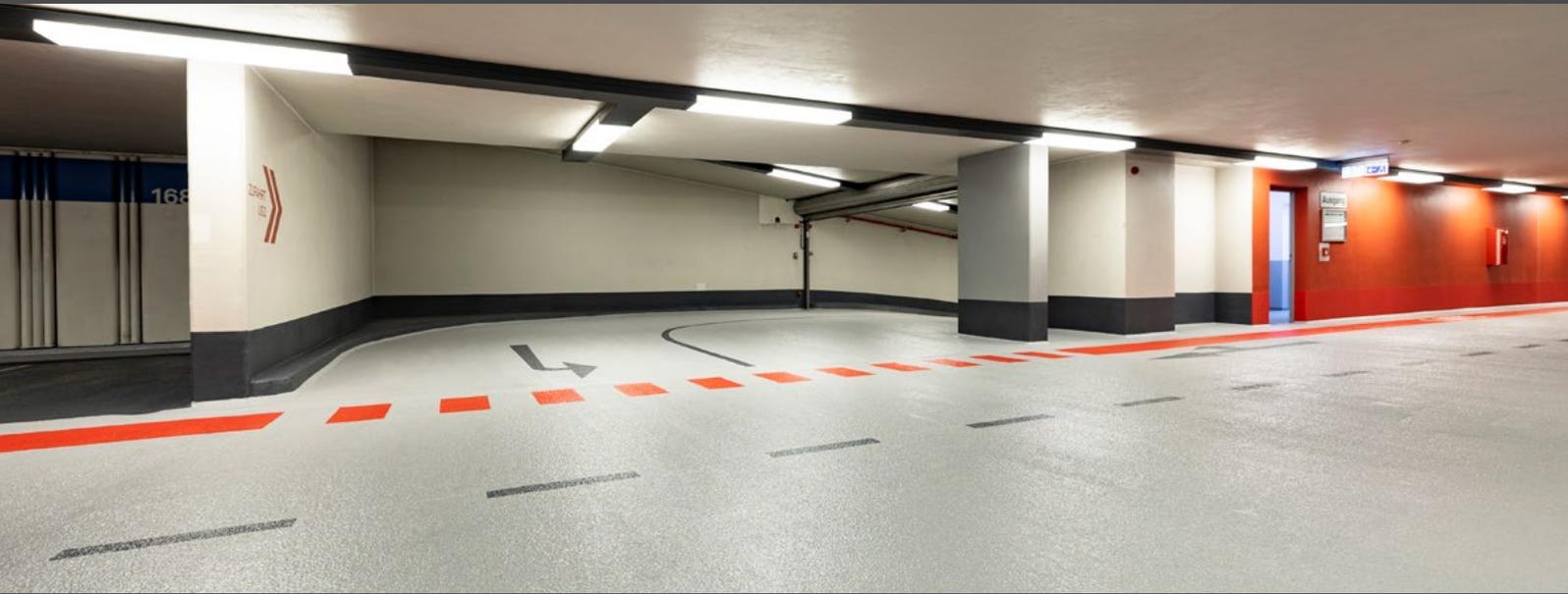
Due to the special combination of materials based on high-quality polyurea and polyurea hybrid, the system meets the highest requirements of class OS 10 and is technically leading in terms of crack bridging and wear resistance.

The extraordinary technical properties only require a three-layer system build-up, consisting of an epoxy resin primer, a spray-applied sealing membrane and a manually applied, pre-filled wear layer.

This unique system combination enables lightning-fast application with just a few work steps. The waterproofing membrane used is based on a polyurea-polyurethane hybrid. With this special combination of materials, the highest crack-bridging values are achieved with a high shore hardness at the same time. As a highly reactive product, it can be overcoated within 2 hours. An innovative „ready-to-use“ wear layer is used for this. By pre-filling with a special sand mixture, the product automatically creates a non-slip surface.

CASE STUDY

>>object: car park, Frauenkirche Dresden



Floor / Wall area



Floor and base connections

Markings



Marking works



Coating base area



Identification by symbols

CASE STUDY

>>object: car park, Frauenkirche Dresden

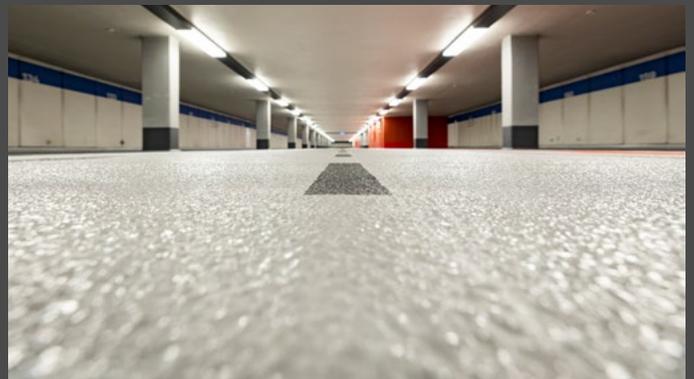


Details



Connection to gutters

Driving surfaces



Surface structure



Parking area supports & base connections



The second floor fits in seamlessly

CASE STUDY

>>object: car park, Frauenkirche Dresden



In summary, the following product advantages make the VIASOL DECK spray rapid system the ideal choice for surface protection in car parks

The work steps that are obligatory for comparable systems like scattering of quartz sand, sweeping it away and the final over-sealing can be omitted entirely thanks to the „ready-to-use“ wear layer. Due to its high-quality polyurea material basis, the product also achieves a particularly high shore hardness and an extraordinarily high wear resistance.

The wear resistance of the product is particularly underpinned by the certification of the lowest possible wear class in the practical Parking Abrasion Test (PAT) after 20,000 cycles.

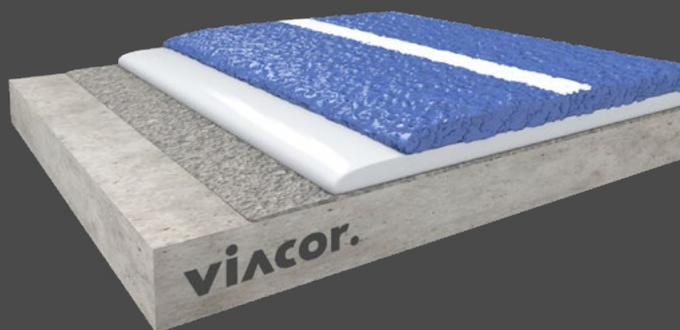
The build-up of the system VIASOL DECK spray rapid:

- High-quality raw material base through the use of polyurea and polyurea hybrid
- Fast and low temperature curing
- Reduction of work steps and installation times
- Free of solvents and plasticizers, odorless
- Highest wear resistance, tested using the Parking Abrasion Test (PAT)
- High dynamic crack bridging class B4.2 and IV_{T+V} at -20°C

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An der Frauenkirche 12a
01067 Dresden
<https://www.tiefgarage-frauenkirche.de/>

Coating company
Ed. Züblin AG Direktion Bauwerkserhaltung
Albstadtweg 3
70567 Stuttgart
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Manufacturer
VIACOR Polymer GmbH
Graf-Bentzel-Straße 78
72108 Rottenburg
<https://www.viacor.de>



Primer: VIASOL EP-T703
Water proofing membrane: VIASEAL UREA HYBRID 21/60
Wear layer: VIASOL UREA S6001 P