

# VIACOR *case study*

>> subject: Multi-Storey Car Park in Nenzing



The ramp coated with OS 8



Coating an intermediate level

## Renovation Works in Challenging Conditions

Epoflor GmbH specialises in the renovation of car parks and the company, which is in the Allgäu region of Germany, thrives on large-scale projects. The renovation works to the surfaces of the car park, which were badly worn, had been carefully planned and within eight weeks, new surface protection systems were to be coated on a surface area of 25,425 m<sup>2</sup>.

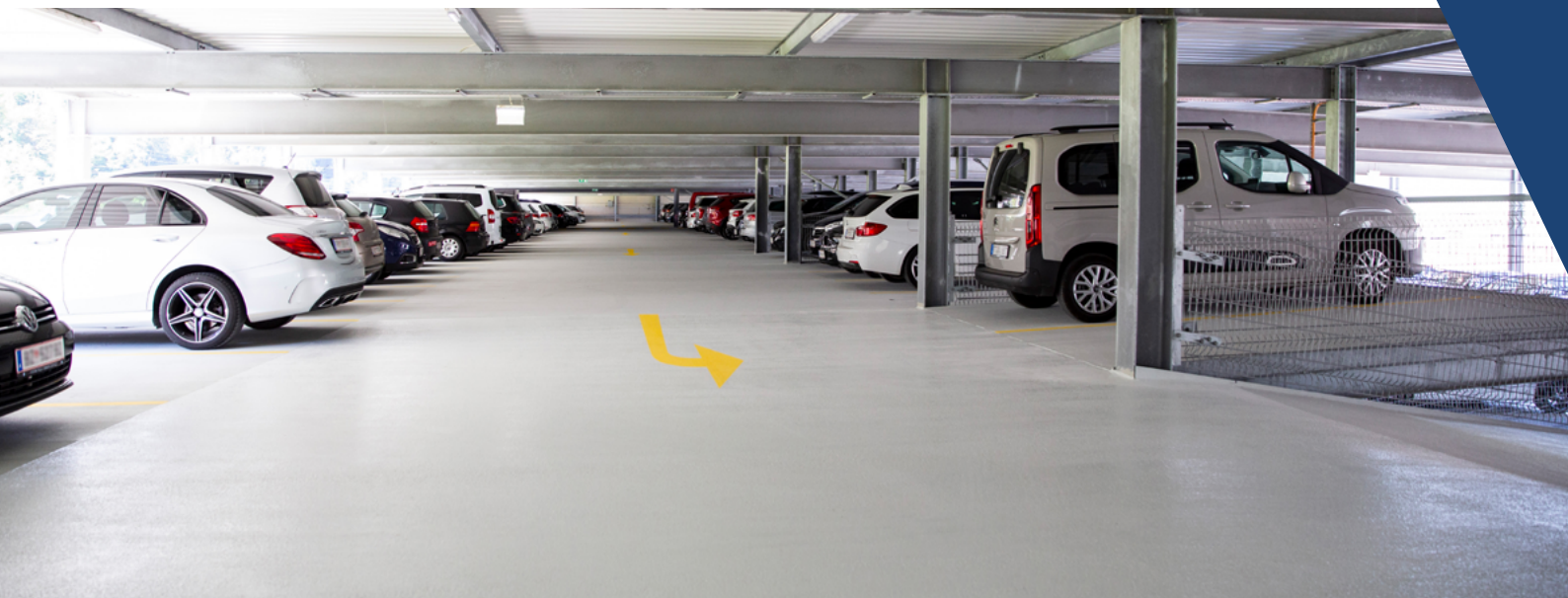
Shortly after the work began in June, it came to a halt, as the condition of the building was worse than had originally been thought. There were too many large air pores in the concrete and the coating across all 13 parking levels had to be removed and completely re-applied. This additional work had not been anticipated and in order to keep to the time schedule, the epoflor team had to work 7 days a week. In addition, and due to Covid-19 regulations, no additional workers could be employed to help.

During the building work, 80% of the car park had to be in operational use on week days for employees to park their cars, so the renovation work had to be divided into phases into work phases with an area of 220 car park spaces each. This had to be planned with precision so that every floor was always accessible.



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>> details: Parking Area with VIASOL *DECK rapid M (V1)*

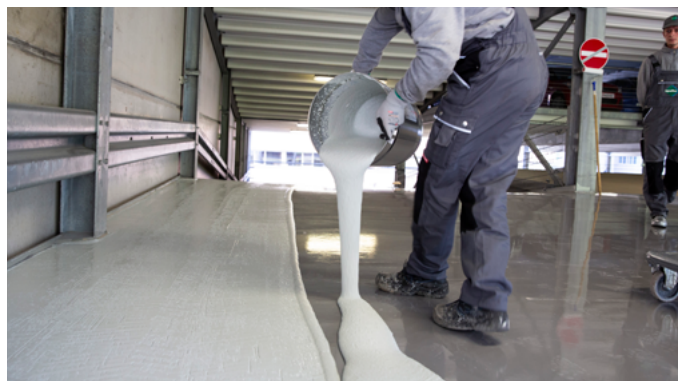


VIASOL PU-L2000



Odourless when mixing and applying

VIASOL UREA S6001P



The ready-to-use wear layer



Manual application of the sealing membrane



Apply, roll, ready – without a sealer



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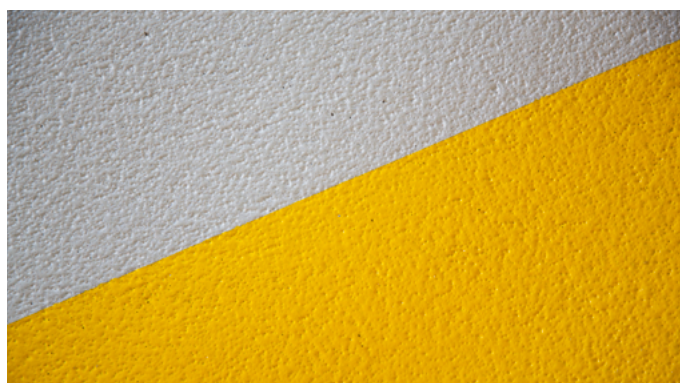
>> details: Coating Work



## Details

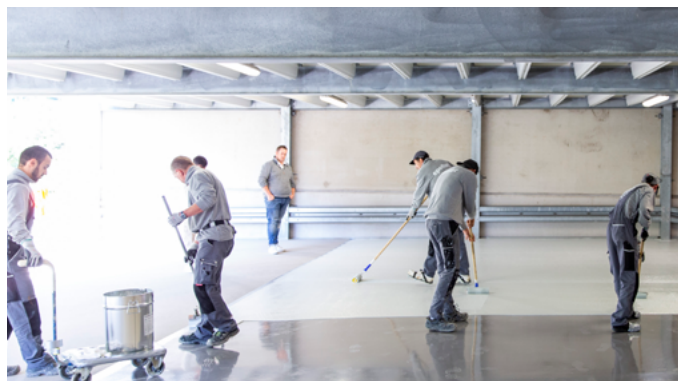


Preparation work sealing the cracks



Surface with VIASOL **DECK 11a plus**

## The Team



Experienced workers coating a large surface area...



... and soon requiring additional product supplies

# VIACOR *case study*

>> customised: A tailored application



As the multi-storey car park has to withstand a wide-range of weather conditions, the builders had to carefully consider a special application for this particular project. A variety of systems and applying two layers of sealer were used to counteract the daily wear and tear.

On the south side of the building which is exposed to the weather, VIASOLDECK **11a plus** was applied and VIASOLDECK **8** was used on the ramps. In front of the ramps VIASOLDECK **rapid M (V1)** was used and on the inside parking spaces and the north side, VIASOLDECK **11b plus**. On the drivable areas, VIASOLDECK **11p plus** with double sealer was applied.

## VIASOLDECK **rapid M (OS 10)**

The ultimate coating system with outstanding test ratings! The benefits of this system are listed below:

- Sealer in accordance with 2000 double strokes 0 g – highest wear resistance
- Fast and low temperature curing (open to traffic after 48 hours)
- Manual application of the sealing membrane
- No carbamate formation
- Top sealer not required
- A saving of resources
- Odourless

## Exceptional circumstances...

require exceptional measures. After the concrete had been successfully renovated, the coating was applied individually.

- VIASOLDECK **11a plus** (3.150 m<sup>2</sup>)
- VIASOLDECK **8** (1.100 m<sup>2</sup>)
- VIASOLDECK **rapid M** (2.980 m<sup>2</sup>)
- VIASOLDECK **11b plus** (13.875 m<sup>2</sup>)
- VIASOLDECK **11b plus** with a double sealer (4.320 m<sup>2</sup>)

## VIASOLDECK SYSTEMS

Modern, durable flooring coating systems for drivable surfaces which protect both the building and concrete. In addition, they also offer a pleasant, light appearance, whilst ensuring increased safety through anti-slip properties and adhering to all necessary test certificates.

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