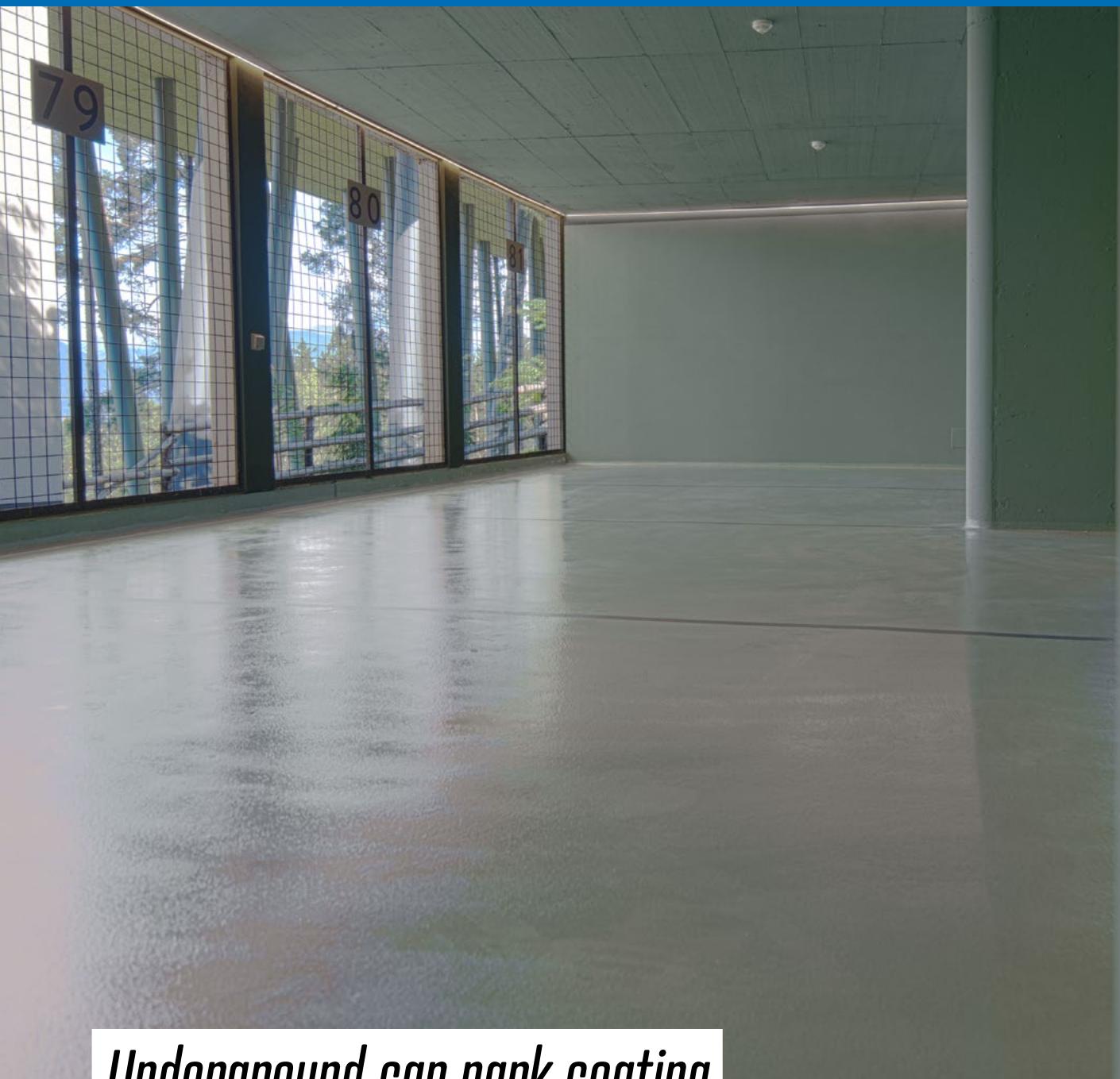




# INSIGHT

INSIGHT INTO VERY SPECIAL OBJECTS

INDUSTRY AUTOMOTIVE, GARAGES, CAR PARKS AGRICULTURE FOODSTUFFS HEALTHCARE OFFICES, PUBLIC FACILITIES EXTERNAL SURFACES SPECIAL SOLUTIONS



*Underground car park coating  
in the spa hotel My Arbor*

# The Object

Parking garage of  
"My Arbor - Plose  
Wellness Hotel"  
39042 Sankt Andrä, ITALY

**Category:** Underground  
parking garage  
**Area size:** 2,400 m<sup>2</sup>  
**Completion:** March 2023

**Floor covering:**  
Rigid and highly robust  
OS 8 coating

**Area type:**  
Driveways, parking spaces  
and access roads across  
two storeys

**Requirements:**  
High-quality flooring with  
slip-resistance to ensure safe  
vehicle and pedestrian traffic  
and long-term protection  
of the building fabric by  
providing chemical resistance

**Colour tone:**  
Special colour tone in green  
according to customer  
specifications

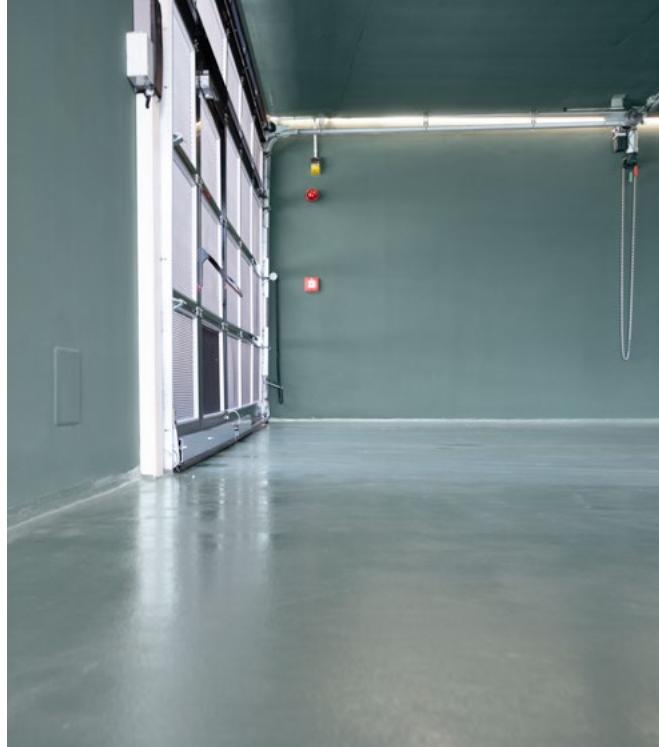


## Insight: Robust OS 8 coating

Rigid epoxy resin systems are able to withstand the heavy loads caused by vehicle traffic and at the same time ensure the durability and resistance of the surface. An OS 8 coating system is particularly hard-wearing and suitable for mechanically highly stressed interior surfaces that can be driven on.



Tested in accordance with the requirements of the TR maintenance



Particularly resistant to heavy loads.

# **System K1 KLB PARKING EP OS 8**

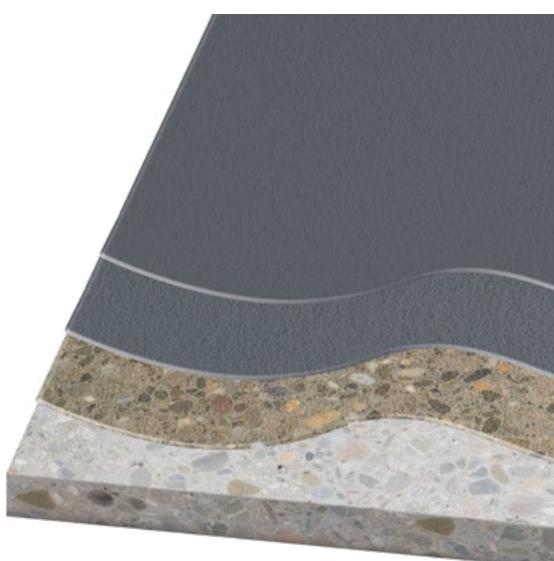
**AUTOMOTIVE, GARAGES AND CAR PARKS / SURFACE PROTECTION SYSTEMS**

A surface protection system was required for an underground car park that should also meet high visual standards. As the parking garage is part of an upmarket wellness hotel, it was important not only to protect the underlying building fabric, but also to match the existing colour scheme.

Rigid and very robust surface protection coatings such as the **K1 KLB PARKING EP OS 8 system** used here in the interior are well suited to withstand the daily stresses of high-traffic areas such as multi-storey car parks over the long term. A mechanically resilient covering helps to minimise abrasion caused by everyday use and has a long service life. The R11

slip resistance level prevents pedestrians from slipping and guarantees safe parking or manoeuvring for vehicles that enter and leave the car park.

The tested epoxy resin-based **K1 KLB PARKING EP OS 8** surface protection system fulfils the requirements for OS 8 coatings in accordance with the Technical Rules for Maintenance (German: TR Instandhaltung). Thanks to its good chemical resistance and liquid-tight properties, the building structure can be protected against harmful chemicals like de-icing salt, engine oils, alkalis or fuel.



Top sealer  
**KLB-SYSTEM EPOXID EP 216 Universal**

Top coat with **KLB-SYSTEM EPOXID EP 216 Universal**,  
fully scattered with quartz sand **KLB-Quarzsand 0.3/0.8 mm**

Primer **KLB-SYSTEM EPOXID EP 5520**,  
optional: openly scattered with quartz sand  
**KLB-Quarzsand 0.3/0.8 mm**

Scan the QR code on your smart phone or open the following link to get to the digital version:  
[www.klb-koetzal.de/en/references/automotive/underground-parking-hotel-arbor/](http://www.klb-koetzal.de/en/references/automotive/underground-parking-hotel-arbor/)



# The systematic approach to great flooring.

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# System Finder

A customised floor system for your project

I need a floor for ...

External surfaces	Industry
Healthcare	Residential
Automotive, aerospace and car parts	Agro/food
Offices and public facilities	Special solutions

My floor shall be ...

Resistant to solvents
Applicable by brushless
Resistant to penetration
Colour stable
Conductive (ESD)
High slip-resistance (HSE)
High resistance rating (EN 12001)
Corrosion
Fire rating
Stained
Glossy
Resistant to fluids
Anti-slip
Water proof
Resistant to chemicals
Resistant to hot water up to 65 °C (EN 146)



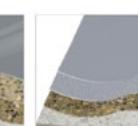
**System A1**  
**KLB INDUSTRIAL EP Standard**  
Smooth, fire-grip epoxy resin coating for commercial and industrial applications

Compare



**System A2**  
**KLB INDUSTRIAL EP Rapid**  
Highly curing and scratch-resistant epoxy resin coating in smooth or fire-grip

Compare



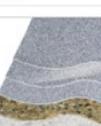
**System A3**  
**KLB INDUSTRIAL EP RX**  
Scratched and fire-grip epoxy resin coating

Compare



**System A4**  
**KLB INDUSTRIAL EP Robust**  
Smooth any defect epoxy resin coating

Compare



**System A5**  
**KLB INDUSTRIAL EP RX Robust**  
Sty-reinforced and durable epoxy resin coating to be reinforced with carbon and glass

Compare



**System A6**  
**KLB INDUSTRIAL EP Screed**  
Smooth epoxy resin decorative mortar

Compare



**System A7**  
**KLB DECOR PHARMA EP Screed**  
Smooth epoxy resin decorative mortar

Compare



**System A8**  
**KLB INDUSTRIAL EP Structured**  
Smooth and structured epoxy resin for wall and floor coating

Compare

[www.klb-koetztal.de/en/systemfinder](http://www.klb-koetztal.de/en/systemfinder)

[www.klb-koetztal.de/en/klb-references](http://www.klb-koetztal.de/en/klb-references)

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