

OBJECT INSIGHT

INSIGHT INTO VERY SPECIAL OBJECTS

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



*Mountain and valley stations
of the Tegelberg cable car*

The Object

Mountain and valley stations of Tegelberg cable car
87645 Schwangau, GERMANY

Category: Cable car stations
Area size: approx. 300 m²
Completion: 2020/2021

Floor covering:
Flexible car park coating based on OS 11a for the application on old tiles

Area type:
Entrance, lounge and waiting areas, toilet facilities

Requirements:
Slip-resistance, chemical stability and mechanical load-bearing capacity to cope with high public traffic

Colour:
approx. RAL 7042 Traffic grey

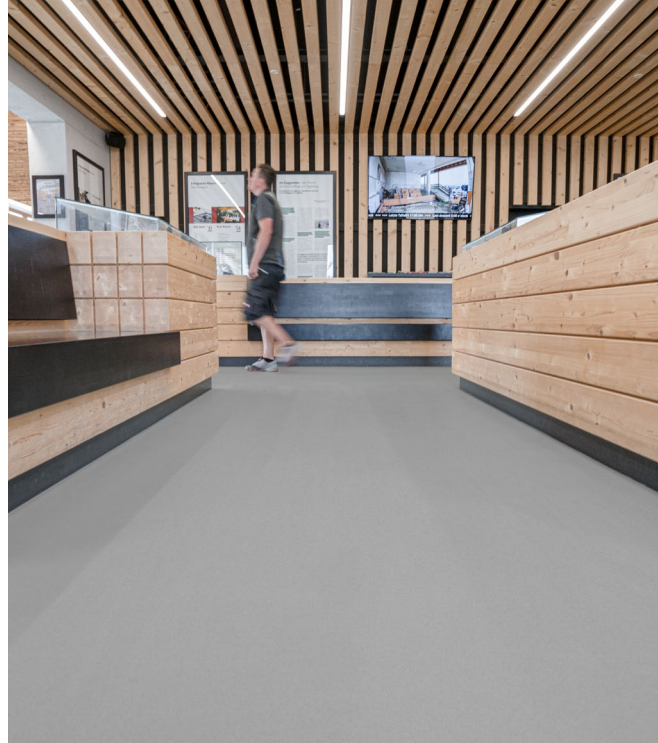


Insight: Robustness on a new level

Due to the versatile use of the Tegelberg cable car by summer and winter sports enthusiasts as well as their equipment, a very robust flooring was required. The crack-bridging PU coating ensures that the surface of these railway stations remains intact and durable, even on a substrate that is prone to cracking. As a result, the building fabric is reliably protected against the ingress of liquids.



An attractive appearance that complements the new furnishings.



Mechanical load-bearing capacity as a key factor.

System K2 KLB PARKING PU OS 11a

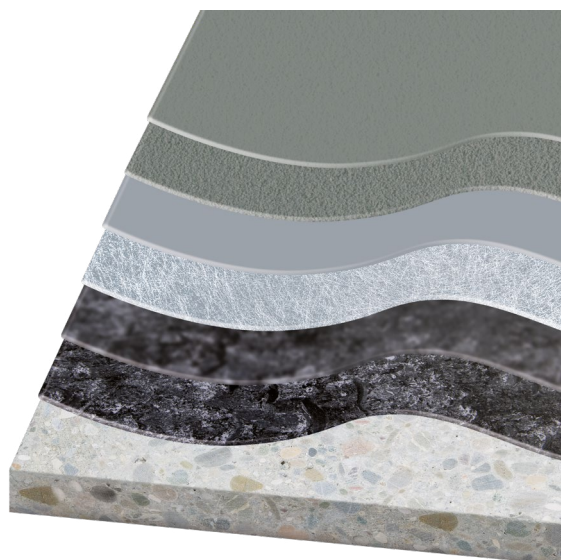
SPECIAL SOLUTIONS

As part of the renovation and reconstruction works, the ageing flooring at the top and bottom stations of the Tegelberg cable car had to be replaced. The aim here was to create a hard-wearing, liquid-tight and technically sound surface for this heavily frequented area. The main requirements were good mechanical strength and an attractive appearance.

The installed **K2 KLB PARKING PU OS 11a system** offers a high level of wear resistance, which is necessary when subjected to loads from pebbles, walking sticks or ski poles,

and in particular, from ski boots with hard edges. An appropriate anti-slip effect reduces the risk of slipping hazards due to snow, ice or mud.

The elastic intermediate layer made of **KLB-SYSTEM POLYURETHAN PU 5550** provides dynamic crack bridging and a waterproof surface. The system is also resistant to road or de-icing salts, with its light-stable coloured top sealer ensuring a high-quality look over the long term. Combined with light-coloured furnishings, it creates an inviting atmosphere.



Top sealer **KLB-SYSTEM POLYUREA PU 5580**

Wearing layer with **KLB-SYSTEM POLYURETHAN PU 5560**, fully scattered with quartz sand **KLB-Quarzsand 0.3/0.8 mm**

Elastic intermediate layer with **KLB-SYSTEM POLYURETHAN PU 5550**

Scratch coat with **KLB-SYSTEM EPOXID EP 5530** and reinforcement fabric **KLB-SYSTEM ZUBEHÖR Armierungsgewebe VA 1040**

Primer **KLB-SYSTEM EPOXID EP 52 Spezialgrund**

Old existing tile covering



The systematic approach to great flooring.

You can find more systems and references on our website:

www.klb-koetzal.de/en/systemfinder

www.klb-koetzal.de/en/klb-references

Please note: This Object Insight brochure shows exemplary build-ups for a specific area of application. It does not replace qualified, object-specific advice from KLB for your project. All stated information is based on our experience and technical preparation. We guarantee the correct and proper quality of our products. We do not assume responsibility for the work not carried out by us, since we have no influence on the processing or processing conditions on site. We recommend on-site trials to be conducted in individual cases. In addition, our "General Terms and Conditions" apply.



KLB KÖTZTAL Lacke + Beschichtungen GmbH
Günztalstraße 25
89335 Ichenhausen, GERMANY
info@klb-koetzal.com
Phone +49 8223 9692-0
Fax +49 8223 9692-100



Certified according to ISO 9001.



Visit us online.

