

System K5

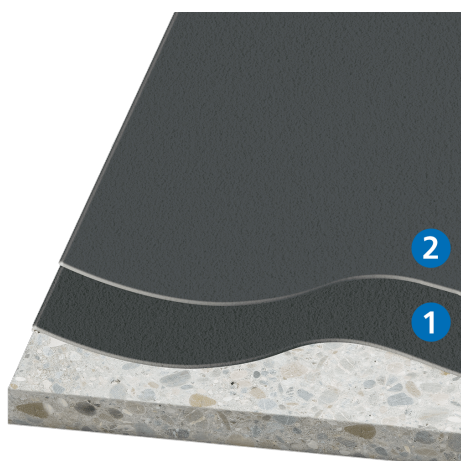
KLB PARKING EP OS 8 Economic

Two-layered surface protection system according to DAfStb directive OS 8

The coating system K5 complies with all requirements in accordance with the TR maintenance directive (2021) or RiLi SIB (DAfStb, 2001) based on OS 8 as resistant coating system for interior surfaces that are accessible to vehicle traffic and subject to heavy mechanical loads. As a result from production processes, the system's layer thickness is at > 2.5 mm, plus the surcharge for roughness depth. The two-layer build-up makes it time-saving and therefore, very economical.

In indoor areas, the system is particularly suitable as coating for car parks with an adjusted slip-resistance grade of R11. As surface protection system, it is chemically resistant and impermeable to liquids, thus protecting the underlying building structure.

Alternative systems: [System K2](#) as OS 11a version, [System K3](#) as OS 11b version with higher crack-bridging at up to -20 °C / -4 °F.



2. Sealer **KLB-SYSTEM EPOXID EP 216 Universal**
1. Priming coat and wearing layer with **KLB-SYSTEM EPOXID EP 216 Universal**, fully scattered with quartz sand **KLB-Quarzsand 0.3/0.8 mm**

System build-up

Layer	See product information for more details
Total layer thickness	> 2.5 mm (+ surcharge for depth of roughness)
Sealer (2)	KLB-SYSTEM EPOXID EP 216 Universal
Priming coat and wearing layer (1)	KLB-SYSTEM EPOXID EP 216 Universal mixed with quartz sand KLB-Quarzsand 0.7/1.2 mm , fully scattered with quartz sand KLB-Quarzsand 0.3/0.8 mm
Substrate	Requirements to the substrate according to BEB worksheets and our primer list or by consultancy from our technical sales service/application technology

Area of application

Automotive, garages and car parks:

- Car parks, parking decks and underground parking lots
- Surface protection systems

Industry:

- Storage and logistics

Technical data

Bending tensile strength (EP 216 Universal)	> 45	N/mm ²	DIN EN 196/1
Compressive strength (EP 216 Universal)	> 55	N/mm ²	DIN EN 196/1
Shore-hardness D (EP 216 Universal)	80	-	DIN 53505 (after 7 days)
Abrasion (Taber Abraser) (EP 216 Universal)	55	mg	ASTM D4060 (CS10/1000)

The values established in tests are average values. Deviations from the product specification may occur.

Tests and certifications

The following external test certificates are available for the system:

- Fire behaviour classification according to DIN EN 13501-01:2010-01: B_{fl}-s1
- Slip-resistance according to DIN 51130 and BGR 181: grades R11 V4, R11 V6, R11 V8 and R12 V4
- Declaration of performance in accordance with Annex III to Regulation (EU) No. 305/2011 (Construction Products Regulation)
- Declaration of product conformity with Environmental Product Declarations (EPD)



Please consider the latest version of this system information on our website.

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 any responsibility for the work not carried out by us, since we have no influence on the processing or processing conditions. We recommend on-site trials to be conducted. With appearance of this new KLB system information, all prior information loses validity. The updated version is available on our website www.klb-koetzal.com. In addition, our "General Terms and Conditions" apply.