

# System K4

## KLB PARKING PU OS 14

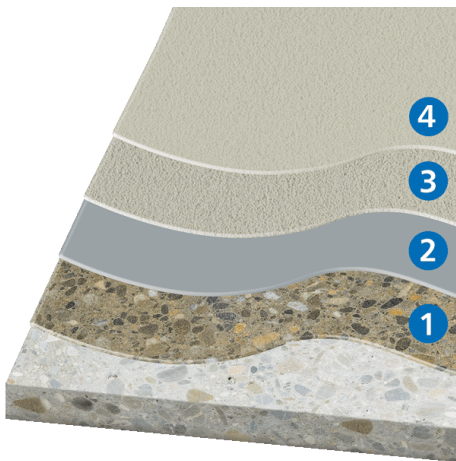


Crack-bridging surface protection system according to DAfStb directive OS 14

The coating system K4 complies with all requirements in accordance with the TR maintenance directive based on OS 14 for the production of tested car park coatings. The system offers increased dynamic capability for crack-bridging on surfaces that are accessible to foot and vehicle traffic and exposed to weather. As a result from production processes, the system's layer thickness is at > 6.0 mm, plus the surcharge for roughness depth.

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

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



4. Top sealer **KLB-SYSTEM POLYUREA PU 5580**
3. Wearing layer with **KLB-SYSTEM POLYURETHAN PU 5560**, fully scattered with quartz sand **KLB-Quarzsand 0.3/0.8 mm**
2. Floating layer with **KLB-SYSTEM POLYURETHAN PU 5550**
1. Primer **KLB-SYSTEM EPOXID EP 5520**, fully scattered with quartz sand **KLB-Quarzsand 0.3/0.8 mm**

### System build-up

<b>Layer</b>	See product information for more details
<b>Total layer thickness</b>	> 6 mm (+ surcharge for depth of roughness)
<b>Top sealer (4)</b>	<b>KLB-SYSTEM POLYUREA PU 5580</b>
<b>Wearing layer (3)</b>	<b>KLB-SYSTEM POLYURETHAN PU 5560</b> , fully scattered with quartz sand <b>KLB-Quarzsand 0.3/0.8 mm</b>
<b>Floating layer (2)</b>	<b>KLB-SYSTEM POLYURETHAN PU 5550</b>
<b>Primer (1)</b>	<b>KLB-SYSTEM EPOXID EP 5520</b> , fully scattered with quartz sand <b>KLB-Quarzsand 0.3/0.8 mm</b>
<b>Substrate</b>	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**

**External surfaces:**

- Outdoor parking spaces
- Commercial exterior coatings

**Automotive, garages and car parks:**

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

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**Tests and certifications**

The following external test certificates are available for the system:

- Slip-resistance according to DIN 51130 and BGR 181: grade R11 V4 and R11 V6
- Test report (system test): Performance characteristics test, for the use as a surface protection system/product for concrete following DIN EN 1504-2 and in accordance with the TR maintenance directive
- 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)
- Fire behaviour classification according to DIN EN 13501-01:2010-0: B<sub>fl</sub>-s1



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

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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](http://www.klb-koetzal.com). In addition, our "General Terms and Conditions" apply.