

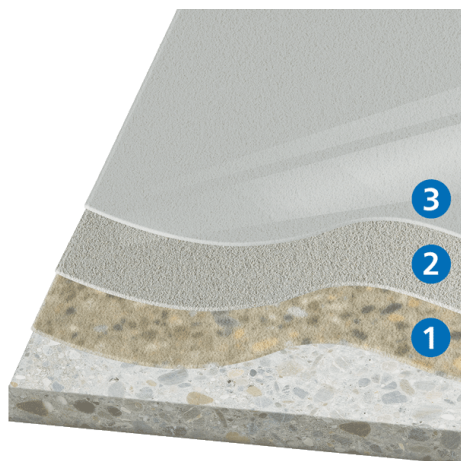
## System O1

### KLB Balcony PU Outdoor

Crack-bridging and weather-resistant coating system for balconies, pergolas and loggias

The plain-coloured coating system can be used in accordance with DIN 18531-5 Annex A for producing surfaces on floors and plinths of balconies, pergolas or loggias. The slip-resistant system is equipped with increased crack-bridging for up to - 20 °C / -4 °F. As an OS 11 coating system tested according to RiLi SIB, it is impermeable to liquids, weather-stable and resistant to many household chemicals. This efficiently protects the underlying building fabric against the penetration of substances from concrete building components that attack concrete or promote corrosion, and improves resistance to mechanical impact.

**Alternative systems:** [System O2](#) as decorative balcony system with coloured sand scattering.



3. Top sealer **KLB-SYSTEM BALKON BS 575 Top**
2. Elastic and waterproofing base layer made of **KLB-SYSTEM BALKON BS 570 WP**, filled with **KLB quartz sand**, fully scattered with quartz sand **KLB-Quarzsand 0.3/0.8 mm**
1. Primer **KLB-SYSTEM EPOXID EP 52 RAPID**, openly scattered with quartz sand **KLB-Quarzsand 0.3/0.8 mm**

## System build-up

Layer	See product information for more details
Total layer thickness	approx. 4 - 5 mm
Top sealer (3)	<b>KLB-SYSTEM BALKON BS 575 Top</b> (optional matt sealer PU 880 or PU 811 E)
Elastic base layer (2)	<b>KLB-SYSTEM BALKON BS 570 WP</b> , filled with quartz sand <b>KLB-Quarzsand 0.1/0.3 mm</b> , fully scattered with <b>KLB-Quarzsand 0.3/0.8 mm</b>
Primer (1)	<b>KLB-SYSTEM EPOXID EP 52 RAPID</b> , openly scattering the primer or scratch coat with quartz sand <b>KLB-Quarzsand 0.3/0.8 mm</b> (optional scratch coat with EP 52 RAPID and mixed sand 3/1 in a mixing ratio of 1 : 1 parts by weight)
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

### External surfaces:

- Balconies
- Terraces
- Arcades
- Loggias

## Tests and certifications

- Factory test report for the performance as waterproofing on balconies, loggias and pergolas according to DIN 18531-5.
- Tested as surface protection system based on OS 11b (in accordance with DIN 18531-5)
- Slip-resistant scattered coating in R10 V4 possible, according to DIN EN 16165 and DIN 51130.
- 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](http://www.klb-koetzal.com). In addition, our "General Terms and Conditions" apply.