

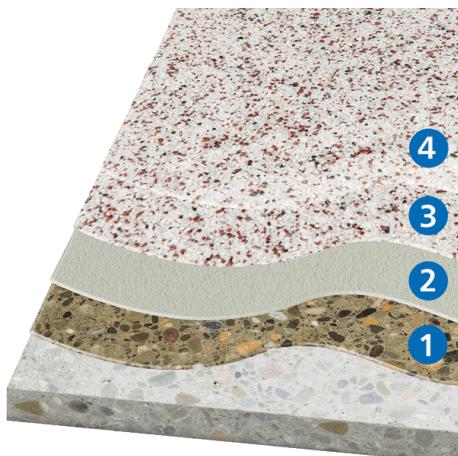
System O2

KLB Balcony DECOR PU Outdoor

Crack-bridging, decorative coating system for balconies, pergolas and loggias

The coating system O2 can be used in accordance with DIN 18534-5 Annex A for producing surfaces on floors and plinths of balconies, pergolas or loggias. The slip-resistance is achieved by scattering with coloured sand; the system KLB BALCONY DECOR PU Outdoor is equipped with increased static crack-bridging for up to -20 °C / -4 °F. As an OS 11b coating system tested according to RiLi SIB, it is impermeable to liquids and resistant to concrete-damaging substances as well as many household chemicals. This efficiently protects the underlying building fabric against the penetration of substances that attack concrete or promote corrosion, and improves resistance to mechanical impact.

Alternative systems: [System O1](#) as balcony system with scattered coating that has been sealed with one colour.



4. Top sealer **KLB-SYSTEM POLYURETHAN PU 484**
3. Scattering layer **KLB-BALKONSYSTEM BS 575 Top** and **KLB quartz sand**, fully scattered with **coloured quartz sand CQS-46xx**
2. Flexible intermediate layer **KLB-BALKONSYSTEM BS 570 WP**, filled with quartz sand **KLB-Quarzsand 0.1/0.3 mm**, fully scattered with quartz sand **KLB-Quarzsand 0.3/0.8 mm**
1. Primer **KLB-SYSTEM EPOXID EP 52 RAPID**

System build-up

Layer	See product information for more details
Total layer thickness	approx. 4 - 5 mm
Top sealer (4)	KLB-SYSTEM POLYURETHAN PU 484
Scattering layer (3)	KLB-SYSTEM BALKON BS 575 Top and mixed sand KLB-Mischsand 3/1 , fully scattered with coloured quartz sand CQS-46xx
Flexible intermediate layer (2)	KLB-SYSTEM BALKON BS 570 WP, filled with quartz sand KLB-Quarzsand 0.1/0.3 mm , fully scattered with KLB-Quarzsand 0.3/0.8 mm
Primer (1)	KLB-SYSTEM EPOXID EP 52 RAPID* , openly scattered with quartz sand KLB-Quarzsand 0.3/0.8 mm (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.
- 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-koetztal.com. In addition, our "General Terms and Conditions" apply.