

System G13

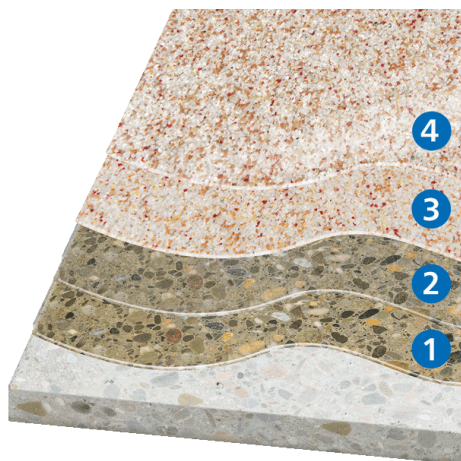
KLB DECOR PU RX ColorQ

Slip-resistant, decorative polyurethane resin coating with high-gloss top sealant

The coating system G13 complies with all requirements on hard, antislip and decorative floor coatings with a slip-resistance grade of R11 to R13. It is designed to withstand medium to higher mechanical stresses. As one work step** can be saved, the system is very economical.

The top sealer recommended for the coloured quartz sand covering is light-stable. Please contact our field service or the technical sales team for further information about a possible change in anti-slip properties!

Alternative systems: [System G6](#) in a rapid-setting and plain-coloured version, [System G5](#) without increased demands on visual appearance.



4. Top sealer **KLB-SYSTEM POLYURETHAN PU 484**
optional: intermediate grinding to adjust the slip-resistance
3. Top coat with **KLB-SYSTEM EPOXID EP 99** and mixed sand **KLB-Mischsand 3/1**, fully scattered with coloured sand **KLB-Colorsand CQS-46xx**
2. Levelling base layer with **KLB-SYSTEM EPOXID EP 50** and mixed sand **KLB-Mischsand 3/1**, fully scattered with **KLB quartz sand**
1. Optional primer **KLB-SYSTEM EPOXID EP 50**

System build-up

Layer	See product information for more details
Total layer thickness	approx. 3 - 4 mm
Top sealer (4)	KLB-SYSTEM POLYURETHAN PU 484
Top coat (3)	KLB-SYSTEM EPOXID EP 99 with mixed sand KLB-Mischsand 3/1, fully scattered with coloured sand KLB-Colorsand CQS-46xx
Levelling base layer (2)	KLB-SYSTEM EPOXID EP 50*** and mixed sand KLB-Mischsand 3/1, fully scattered with KLB quartz sand ***alternatively, EP 99 can be used.
Optional primer (1)	KLB-SYSTEM EPOXID EP 50* *alternatively, EP 52 Spezialgrund or EP 52 RAPID, etc. can be used. Seek advice if necessary.
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

Industry:

- Manufacturing and production
- Storage and logistics

Foodstuffs:

- Food markets and sales areas
- Cold storage and deep-freezing rooms

Technical data

Bending tensile strength (EP 99)	35	N/mm ²	DIN EN 196/1
Compressive strength (EP 99)	80	N/mm ²	DIN EN 196/1
Shore-hardness D (EP 99)	78	-	DIN 53505 (after 7 days)
Shore-hardness D (PU 484)	Ca. 78	-	DIN 53505 (after 7 days)

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:

- Slip-resistance in grade R11 V4 according to DIN 51130 and BGR 181

- 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.