



System C2

KLB LOW-VOC EP RX

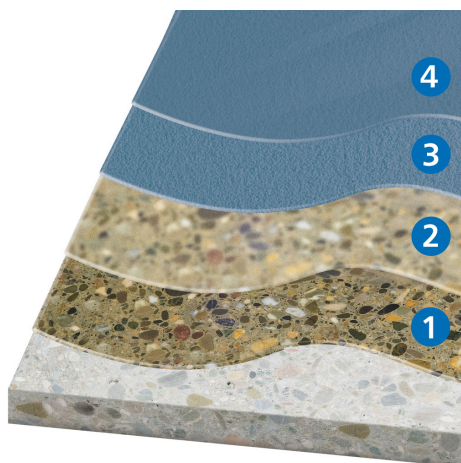
Slip-resistant, low-emission epoxy resin coating

The low-emission coating system C2 results in a low-emission and slip-resistant covering in R11 for surfaces with low to medium loads.

Areas of application are, for example, production or storage facilities and, due to the low-emission properties, also recreation rooms and many other economic sectors.

The system complies with the requirements posed by Indoor Air Comfort Gold Label version 6.0 (2017) which guarantees regular testing and confirmation of the system's low emissions. The components of this build-up have been certified for sustainable building according to DGNB, LEED or Minergie ECO.

Alternative systems: [System C1](#) for areas where no slip-resistance is required.



4. Top sealer with **KLB-SYSTEM EPOXID EP 202**
3. Top coat **KLB-SYSTEM EPOXID EP 202**, fully scattered with **KLB quartz sand**
2. Scratch coat with **KLB-SYSTEM EPOXID EP 57** and mixed sand **KLB-Mischsand 2/1**
1. Primer with **KLB-SYSTEM EPOXID EP 57**

System build-up

Layer	See product information for more details
Total layer thickness	approx. 1.5 - 4 mm
Top sealer (4)	KLB-SYSTEM EPOXID EP 202
Top coat (3)	KLB-SYSTEM EPOXID EP 202 , fully scattered with KLB quartz sand
Scratch coat (2)	KLB-SYSTEM EPOXID EP 57* and mixed sand KLB-Mischsand 2/1
Primer (1)	KLB-SYSTEM EPOXID EP 57* <small>*alternatively, EP 58 or EP 53 Spezialgrund AgBB can be used.</small>
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:

- Storage and logistics
- Manufacturing and production

Foodstuffs:

- Butcheries, slaughterhouses, dairy, meat and fish industry

Offices and public facilities:

- Museum
- Living
- Trade and presentation
- Office and administration
- Public facilities
- Decoration and design

Special solutions:

- Low-emission coatings

System features

- application area - Indoor
- resistant to hot water up to 65 °C / 149 °F
- impervious to fluids
- resistant to mechanical load
- rigid
- glossy
- slip-resistant in R11
- low-VOC (AgBB)

Technical data

Bending tensile strength (EP 50)	35	N/mm ²	DIN EN 196/1
Solid content (EP 50)	> 99	%	KLB method

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: B_{s1}
- Certified as low-emission according to Eurofins "Indoor Air Comfort Gold". Compliant with AgBB and suitable for recreation rooms.
- Slip-resistance according to DIN 51130 and BGR 181: grades R11 or R12
- 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.