



System C5

KLB LOW-VOC DECOR EP RX

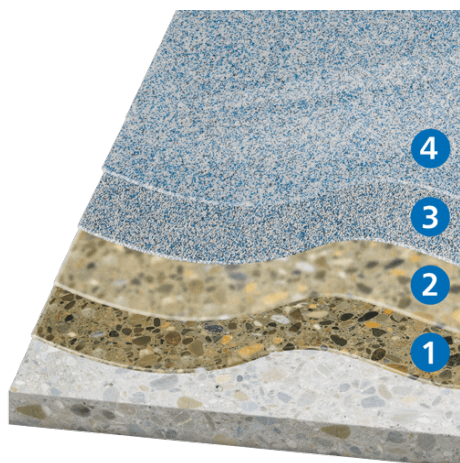
Antislip, decorative and low-emission epoxy resin scattered coating

The coating system C5 is a low-emission, slip-resistant and decorative scattered coating for all areas exposed to light or medium mechanical load.

It can be used in recreational rooms, in commercial or industrial production and storage facilities as well as in 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 that require no slip-resistant or decorative surface, [System C4](#) without any requirements on slip-resistance.



4. Top sealer **KLB-SYSTEM POLYURETHAN PU 484**
3. Top coat **KLB-SYSTEM EPOXID EP 202**, fully scattered with **KLB coloured quartz sand CQS**
2. Scratch coat **KLB-SYSTEM EPOXID EP 57** with mixed sand **KLB-Mischsand 2/1**
1. Primer **KLB-SYSTEM EPOXID EP 57**

System build-up

Layer	See product information for more details
Total layer thickness	approx. 3 - 5 mm
Top sealer (4)	KLB-SYSTEM POLYURETHAN PU 484
Top coat (3)	KLB-SYSTEM EPOXID EP 202 , fully scattered with coloured quartz sand CQS-46xx
Scratch coat (2)	KLB-SYSTEM EPOXID EP 57* with 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

Special solutions:

- Low-emission coatings

Offices and public facilities:

- Office and administration
- Decoration and design
- Low-emission coatings
- Trade and presentation
- Museum
- Spa and fitness
- Living
- Public facilities

Foodstuffs:

- Commercial kitchens

System features

- impervious to fluids
- glossy
- slip-resistant in R11
- low-VOC (AgBB)

Technical data

Bending tensile strength (EP 202)	60	N/mm ²	DIN EN 196/1
Compressive strength (EP 202)	78	N/mm ²	DIN EN 196/1
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:

- Certified as low-emission according to Eurofins "Indoor Air Comfort Gold". Compliant with AgBB and suitable for recreation rooms.
- Fire behaviour classification according to DIN EN 13501-01:2010-01: B_{fl}-s1

- 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.