



System G3

KLB INDUSTRIAL LOW-VOC PU Comfort Sealed

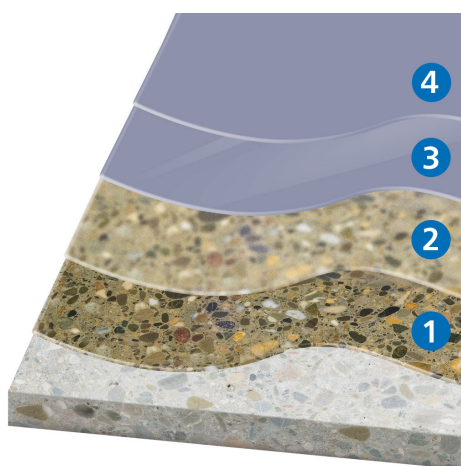
Slightly non-slip, low-emission polyurethane resin comfort coating

The coating system G3 forms an elastic, deformable surface which can be exposed to lower mechanical load. Main application areas are offices and public facilities that pose higher optical demands. The specific properties of the coating play out their strengths especially for substrates susceptible to deformation, such as mastic asphalt, metal, wood or mixed concrete.

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 oder Minergie ECO.



Alternative systems: [System G5](#) for a higher slip-resistance, [System G8](#) for higher walking comfort.



4. Matt sealer **KLB-SYSTEM POLYURETHAN PU 806 E**
3. Top coat **KLB-SYSTEM POLYURETHAN PU 425 Comfort**
2. Scratch coat with **KLB-SYSTEM EPOXID EP 57** and mixed sand **KLB-Mischsand 2/1**, openly scattered with quartz sand **KLB-Quarzsand 0.3/0.8 mm**
1. Primer **KLB-SYSTEM EPOXID EP 57**

System build-up

Layer	See product information for more details
Total layer thickness	approx. 2.5 - 3 mm
Matt sealer (4)	KLB-SYSTEM POLYURETHAN PU 806 E** **alternatively, PU 806 E-R10 can be used.
Top coat (3)	KLB-SYSTEM POLYURETHAN PU 425 Comfort
Scratch coat (2)	KLB-SYSTEM EPOXID EP 57* , mixed with KLB-Mischsand 2/1 , openly scattered with quartz sand KLB-Quarzsand 0.3/0.8 mm
Primer (1)	KLB-SYSTEM EPOXID EP 57* *alternatively, EP 58 or EP 53 Spezialgrund AgBB can be used.
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:

- Low-emission coatings
- Office and administration
- Museum
- Trade and presentation
- Spa and fitness

System features

- application area - Indoor
- elastic
- matt
- slightly slip-resistant R9/R10
- low-VOC (AgBB)

Technical data

Shore-hardness A (PU 425 Comfort)	76	-	DIN 53455 (after 7 days)
Shore-hardness D (PU 425 Comfort)	29	-	DIN 53455 (after 7 days)
Abrasion (Taber Abraser) (PU 806 E)	< 13	mg	ASTM D4060

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 (when used with top sealant **PU 812 E**)
- Chair castor test according to DIN EN 425:2002-08
- 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)



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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-koetzta.com. In addition, our "General Terms and Conditions" apply.