



## System G4

### KLB INDUSTRIAL LOW-VOC PU Elastic Sealed

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

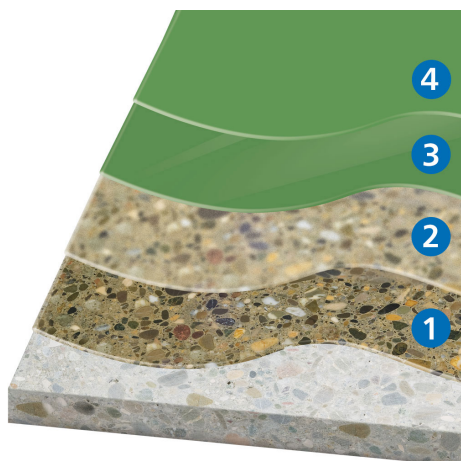
The coating system G4 fulfils all demands on elastic and deformable coatings exposed to lower mechanical load. The specific properties of the coating play out their strengths especially for substrates susceptible to deformation, such as mastic asphalt, metal, wood or mixed substrates.

Typical areas of application are, among others, commercial production or storage facilities, but also 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 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 426**
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
<b>Total layer thickness</b>	approx. 2.5 - 3 mm
<b>Matt sealer (4)</b>	<b>KLB-SYSTEM POLYURETHAN PU 806 E**</b> <small>**alternatively, PU 806 E-R10 can be used.</small>
<b>Top coat (3)</b>	<b>KLB-SYSTEM POLYURETHAN PU 426</b>
<b>Scratch coat (2)</b>	<b>KLB-SYSTEM EPOXID EP 57*</b> , mixed with <b>KLB-Mischsand 2/1</b> , openly scattered with quartz sand <b>KLB-Quarzsand 0.3/0.8 mm</b>
<b>Primer (1)</b>	<b>KLB-SYSTEM EPOXID EP 57*</b> <small>*alternatively, EP 58 or EP 53 Spezialgrund AgBB can be used.</small>
<b>Substrate</b>	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

## System features

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

## Technical data

Shore-hardness A (PU 426)	87	-	DIN 53505 (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.
- 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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