

System G9

KLB DECOR LOW-VOC PU Silent Sealed

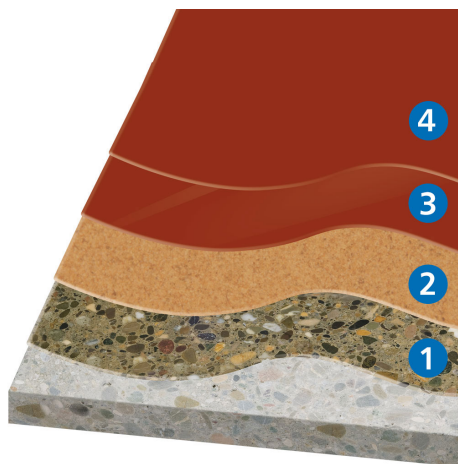
Slightly non-slip, impact sound-reducing, light-stable polyurethane resin decor coating

The coating system G9 fulfils many demands on slightly slip-resistant, low-emission floors for recreation rooms or commercial areas with lower to medium mechanical load.

The elastic intermediate layer reduces impact sound - which enables a pleasant and silent room atmosphere. The system thus is suitable for sales or office rooms, exhibitions, doctor's surgeries, nursing homes, kindergartens, schools and many more.

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 G8](#) for higher requirements on walking comfort, but lower optical demands; [System G3](#) without any requirements on a higher walking comfort.



4. Matt sealer **KLB-SYSTEM POLYURETHAN PU 805 E**
3. Top coat **KLB-SYSTEM POLYURETHAN PU 410**
2. Intermediate layer **KLB-SYSTEM POLYURETHAN PU 430 Silent**
1. Primer **KLB-SYSTEM EPOXID EP 57**, openly scattered with quartz sand **KLB-Quarzsand 0.3/0.8 mm**

System build-up

Layer	See product information for more details
Total layer thickness	approx. 5.5 - 8.5 mm
Matt sealer (4)	KLB-SYSTEM POLYURETHAN PU 805 E** <small>**alternatively, PU 805 E-R10 can be used.</small>
Top coat (3)	KLB-SYSTEM POLYURETHAN PU 410
Intermediate layer (2)	KLB-SYSTEM POLYURETHAN PU 430 Silent
Primer (1)	KLB-SYSTEM EPOXID EP 57* , openly scattered with quartz sand KLB-Quarzsand 0.3/0.8 mm <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

Offices and public facilities:

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

Healthcare:

- Hospital

Special solutions:

- Low-emission coatings

System features

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

Technical data

Shore-hardness D (PU 410 NEU)	62	-	DIN 53505 (after 7 days)
Abrasion (Taber Abraser) (PU 805 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 (when using top sealer **PU 811 E**)
 - Slip-resistance according to DIN 51130 and BGR 181: grade R10 when using top sealer **PU 805 E-R10**
 - Impact sound reduction in the system according to DIN EN ISO 727-2: 9 dB
 - 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-koetzal.com. In addition, our "General Terms and Conditions" apply.
