

System G7

KLB DECOR LOW-VOC PU Light Sealed

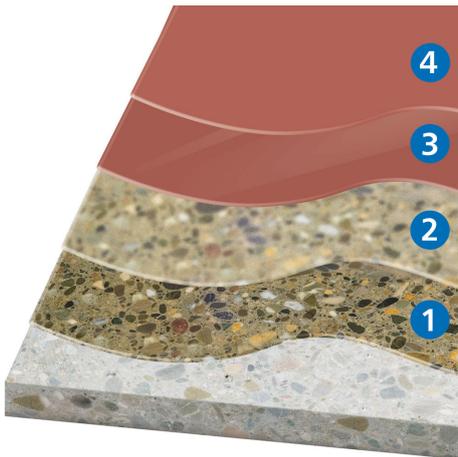


Low-emission, coloured, decorative polyurethane resin coating

The coating system G7 is able to fulfil many demands on slightly slip-resistant and low-emission coatings for recreation rooms or commercial areas exposed to low and medium mechanical loads. It is particularly suitable for sales areas, office rooms, exhibitions, doctor's offices, 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 walking comfort, [System G1](#) for industrial applications.



1. Primer **KLB-SYSTEM EPOXID EP 57**
2. Scratch coat with **KLB-SYSTEM EPOXID EP 57** and mixed sand **KLB-Mischsand 2/1**, scattered with quartz sand **Quarzsand 0.3/0.8 mm**
3. Top coat **KLB-SYSTEM POLYURETHAN PU 410**
4. Matt sealer **KLB-SYSTEM POLYURETHAN PU 805 E** or **PU 805 R10**

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 805 E or PU 805 E-R10
Top coat (3)	KLB-SYSTEM POLYURETHAN PU 410** <small>**alternatively, PU 405 can be used as coating.</small>
Scratch coat (2)	KLB-SYSTEM EPOXID EP 57* and mixed sand KLB-Mischsand 2/1 , openly scattered with quartz sand KLB-Quarzsand 0.3/0.8 mm
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

Offices and public facilities:

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

Healthcare:

- Hospital

Special solutions:

- Low-emission coatings

Technical data

Abrasion (Taber Abraser) (PU 805 E)	< 13	mg	ASTM D4060
Shore-hardness D (PU 410 NEU)	62	-	DIN 53505 (after 7 days)
Shore-hardness D (PU 405)	50	-	DIN 53505 (after 28 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:

- Classification of the fire behaviour in combination with **PU 410** according to DIN EN 13501-1:2019-05: Cfl-s1; with **PU 405**: B_{fl}-s1.
- Slip-resistance according to DIN 51130 and BGR 181: grade R10 (when using top sealer **PU 805 E-R10**)
- Radon tightness test of PU 410: > 2.4 mm radon tight
- Certified as low-emission according to Eurofins "Indoor Air Comfort Gold". Compliant with AgBB and suitable for recreation rooms.
- 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.