

## System G7

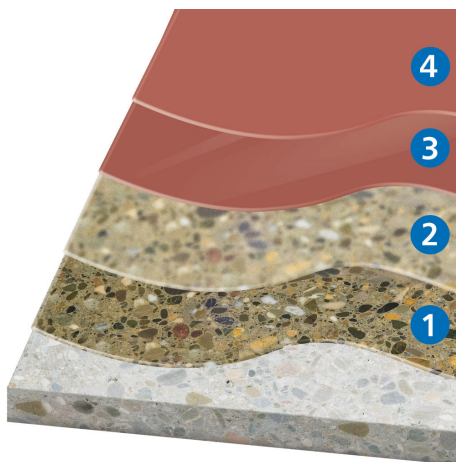
### KLB DECOR LOW-VOC PU Light Sealed

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.



4. Matt sealer **KLB-SYSTEM POLYURETHAN PU 805 E** or **PU 805 R10**
3. Top coat **KLB-SYSTEM POLYURETHAN PU 410**
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**
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 805 E</b> or <b>PU 805 E-R10</b>
<b>Top coat (3)</b>	<b>KLB-SYSTEM POLYURETHAN PU 410</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

### 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

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## System features

- application area - Indoor
- impervious to fluids
- elastic
- colour-stable
- decorative
- silk-matt
- smooth
- slightly slip-resistant R9/R10
- low-VOC (AgBB)

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## 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.

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## Tests and certifications

The following external test certificates are available for the system:

- Fire behaviour classification according to DIN EN 13501-01:2010-01: C<sub>fl</sub>-s1
  - Slip-resistance according to DIN 51130 and BGR 181: grade R10 (when using top sealer **PU 805 E-R10**)
  - Radon tightness test: > 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)
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Please consider the latest version of this system information on our website.

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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](http://www.klb-koetzal.com). In addition, our "General Terms and Conditions" apply.

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