

System L4

KLB DECOR STONE-CARPET LOW-VOC PU Exclusive

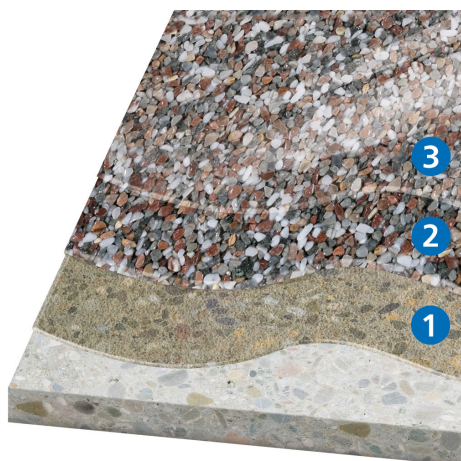
Low-emission, light-resistant polyurethane resin decorative pebble coating for indoor applications

The coating system L4 produces a low-emission, decorative coloured pebble coating for indoor areas - it can be installed either porous, drainable or pore-filling.

Depending on the decorative pebbles used, numerous colour possibilities are available for creating an individual look.

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 L3](#) without any requirements on reduced emissions, [System L2](#) where no light-resistant coating is required.



3. Varnish layer with **KLB-SYSTEM POLYURETHAN PU 9039**
2. Decorative pebble coating with **KLB-SYSTEM POLYURETHAN PU 9039** and decorative pebbles
1. Primer **KLB-SYSTEM EPOXID EP 58**, 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 - 10 mm
Varnish layer (3)	KLB-SYSTEM POLYURETHAN PU 9039
Decorative pebble coating (2)	KLB-SYSTEM POLYURETHAN PU 9039 and decorative pebbles
Primer (1)	KLB-SYSTEM EPOXID EP 58*, openly scattered with quartz sand KLB-Quarzsand 0.3/0.8 mm <small>*alternatively, EP 57 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:

- Trade and presentation
- Museum
- Living
- Decoration and design

External surfaces:

- Outdoor parking spaces

Special solutions:

- Low-emission coatings

Technical data

Shore-hardness D (PU 9039)	Ca. 80	-	DIN 53505 (after 28 days)
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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".
- Fire behaviour classification as stone carpet according to DIN EN 13501-01:2010-01: B_{fl}-s1



- 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.