

System G11

KLB DECOR LOW-VOC PU Metalize Effect

Smooth, decorative, low-emission, light-stable PU Metalize effect covering

Floor coverings give rooms an unmistakable character. By using different colours, patterns or structures, an impressive atmosphere can be conveyed to visitors. Aesthetics and function often seem incompatible, because in addition to the design aspect, the flooring should be easy to maintain, economical and also durable.

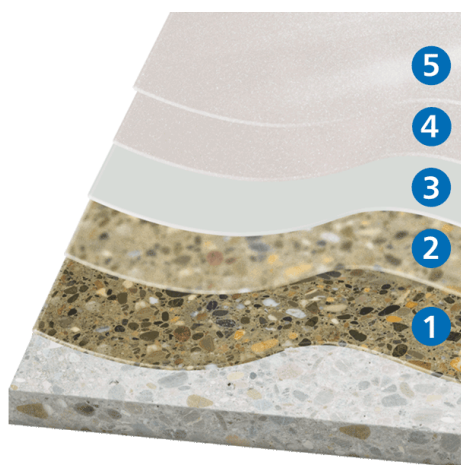
The KLB **partiColor® Metalize** pearlescent pigments combined with our light-stable clear resin sealant **KLB SYSTEM POLYURETHAN PU 484**, we offer you exactly this combination of product characteristics that allows you to give free rein to your creativity. When implementing highly decorative metallic effect coatings, you have unlimited design options to achieve a special wow effect in the floor area – especially in department stores or shopping centres, boutiques, museums, exhibition spaces as well as in residential housing.

With our decorative and high-quality floor coatings, you can design your building project according to your own wishes and ideas.

The coating system G11 complies with the requirements posed by Eurofins 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.

A floor made with **partiColor®-Metalize** is each one unique, and its different processing possibilities may lead to deviations from our samples in terms of appearance or structure.

Alternative systems: [System G8](#) for higher walking comfort, [System G7](#) without any requirements on a higher walking comfort.



5. Clear resin layer with **KLB-SYSTEM POLYURETHAN PU 484**
4. Top coat with **KLB-SYSTEM POLYURETHAN PU 484**
and **partiColor®-Metalize**
3. Intermediate layer with **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
Total layer thickness	approx. 5 - 7 mm
Clear resin layer (5)	KLB-SYSTEM POLYURETHAN PU 484
Top coat (4)	KLB-SYSTEM POLYURETHAN PU 484 + partiColor®-Metalize
Base layer (3)	KLB-SYSTEM POLYURETHAN PU 410
Scratch coat ² (2)	KLB-SYSTEM EPOXID EP 57 ¹ and mixed sand KLB-Mischsand 2/1 2 Alternatively, PU 410 or PU 421 can be applied as scratch coat.
Primer (1)	KLB-SYSTEM EPOXID EP 57 ¹ 1 EP 58 or EP 53 Spezialgrund AgBB can be used as an alternative.
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

Special solutions:

- Low-emission coatings

Offices and public facilities:

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

Technical data

Shore-hardness D (PU 484)	Ca. 78	-	DIN 53505 (after 7 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". 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.