

System G6

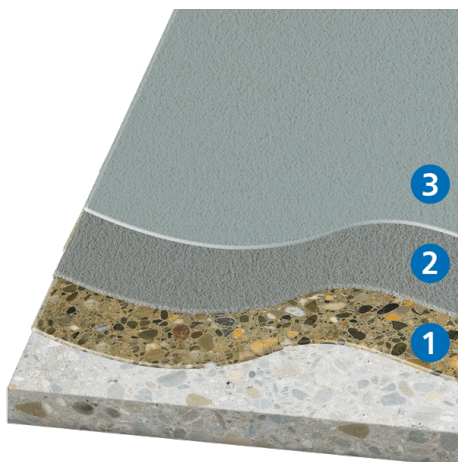
KLB INDUSTRIAL PU RX Rapid

Very rapid-setting polyurethane resin coating, light-stable and slip-resistant

The coating system G6 complies with all requirements for rapid-setting coverings, especially for day or weekend building sites. Depending on the temperature, the floor is usable again after 2 - 6 hours.

Ideally, the system is applied on commercial and industrial surfaces with medium mechanical load. Main areas of application are production facilities, commercial sales rooms and other economic sectors where a slip-resistance of between R10 - R12 is required. G6 can also be used as coating on balconies, arcades, terraces and small surfaces for garages or traffic areas.

Alternative systems: [System K1](#) for traffic routes and areas exposed to high mechanical loads according to OS 8, [System K2](#) for a higher crack-bridging according to OS 11a.



3. Top sealer **KLB-SYSTEM POLYURETHAN PU 5000 RX**
2. Base coat **KLB-SYSTEM POLYURETHAN PU 5000 RX**, covered scattering with scattering component **RX-Abstreukomponente**
1. Primer **KLB-SYSTEM EPOXID EP 51 RAPID S**, scattered with **KLB quartz sand**

System build-up

Layer	See product information for more details
Total layer thickness	approx. 2 - 3 mm
Top sealer (3)	KLB-SYSTEM POLYURETHAN PU 5000 RX
Top coat (2)	KLB-SYSTEM POLYURETHAN PU 5000 RX , covered scattering with scattering component PU 5000 RX-Abstreukomponente
Primer (1)	KLB-SYSTEM EPOXID EP 51 RAPID S* , scattered with quartz sand <small>*alternatively, EP 52 RAPID 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

Industry:

- Storage and logistics
- Manufacturing and production
- Rapid-setting coatings

Foodstuffs:

- Food markets and sales areas
- Cold storage and deep-freezing rooms

Automotive, garages and car parks:

- Car parks, parking decks and underground parking lots
- Garages in private use
- Outdoor parking spaces
- Manufacturing and production

Special solutions:

- Rapid-setting coatings

External surfaces:

- Commercial exterior coatings

System features

- application area - Indoor
- application area - Outdoor
- weather-resistant
- resistant to industrial trucks
- resistant to mechanical load
- rigid
- colour-stable
- glossy
- slightly slip-resistant R9/R10
- slip-resistant in R11
- rapid-setting
- curing at low temperatures
- structured

Technical data

Shore-hardness D (PU 5000 RX)	79	-	DIN 53505 (after 7 days)
Abrasion (Taber Abraser) (PU 5000 RX)	15	mg	ASTM D4060 (CS10/1000)

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:

- Fire behaviour classification according to DIN EN 13501-01:2010-01: B_{fl}-s1
- Slip-resistance according to DIN 51130 and BGR 181: grade R10, R11 V4 or R12 V10
- Suitable for use in foodstuffs according to § 31 para. 1, German Food and Feed Code (German law LFGB).
- 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.