

System A2

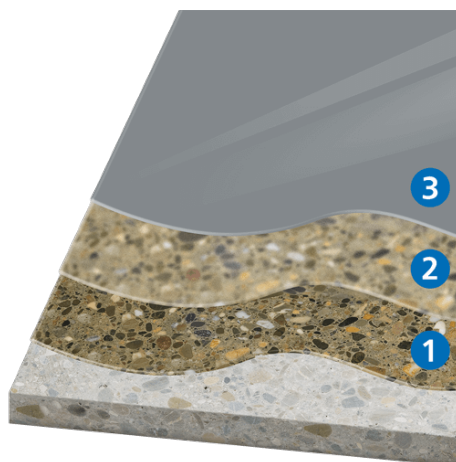
KLB INDUSTRIAL EP Rapid

Rapid-setting and quickly reusable epoxy resin coating in smooth or slightly non-slip

The coating system A2 is mainly used for industrial and commercial floorings exposed to medium mechanical load. The special product combination enables a fast hardening and thus, makes it possible to install the system in a very short period of time. By injecting structured granulate **Strukturgranulat RQX 9/RQX 10**, the surface can be set to be slightly non-slip with a slip-resistance grade of R9 or R10.

The coating is very resistant to mechanical loads, particularly from industrial trucks. The rapid-setting and universal system complies with the requirements for industrial production areas or warehouse facilities, but also for several other economic sectors, whenever a quick reusability is needed.

Alternatives: [System A3](#) for a higher slip-resistance, [System A1](#) with longer curing times.



3. Top coat **KLB-SYSTEM EPOXID EP 216 RAPID** - optional: injecting structured granulate **Strukturgranulat RQX 9/RQX 10**
2. Scratch coat with **KLB-SYSTEM EPOXID EP 51 RAPID S** and mixed sand **KLB-Mischsand 2/1**
1. Primer **KLB-SYSTEM EPOXID EP 51 RAPID S**

System build-up

Layer	See product information for more details
Total layer thickness	approx. 1 - 3 mm
Optionally	Blowing in structured granulate Strukturgranulat RQX 9 or RQX 10
Top coat (3)	KLB-SYSTEM EPOXID EP 216 RAPID
Scratch coat (2)	KLB-SYSTEM EPOXID EP 51 RAPID S* and mixed sand KLB-Mischsand 2/1
Primer (1)	KLB-SYSTEM EPOXID EP 51 RAPID S* <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:

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

Agriculture:

- Milking parlours and milk rooms
- Animal husbandry and feeding tables

Foodstuffs:

- Food markets and sales areas

Automotive, garages and car parks:

- Car parks, parking decks and underground parking lots
- Manufacturing and production

System features

- application area - Indoor
- resistant to chemicals
- impervious to fluids
- resistant to industrial trucks
- resistant to mechanical load
- rigid
- glossy
- smooth
- slightly slip-resistant R9/R10
- rapid-setting
- curing at low temperatures

Technical data

Bending tensile strength (EP 216 Rapid)	60	N/mm ²	DIN EN 196/1
Compressive strength (EP 216 Rapid)	58	N/mm ²	DIN EN 196/1
Shore-hardness D (EP 216 Rapid)	80	-	DIN 53505 (after 7 days)
Abrasion (Taber Abraser) (EP 216 Rapid)	65	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: C_{fl}-s1
- Slip-resistance according to DIN 51130 and BGR 181: grades R9/R10 by injection of structured granulate **Strukturgranulat RQX 9** or **RQX 10**
- 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.