

System A3

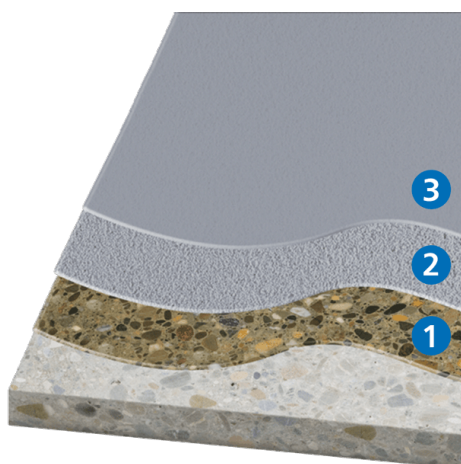
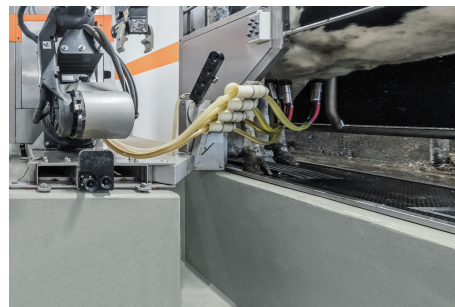
KLB INDUSTRIAL EP RX

Scattered and non-slip epoxy resin coating

The coating system A3 is mainly used for commercial and industrial floorings with medium mechanical load, especially when there is a higher need for slip-resistance. Depending on the formulation, anti-slip grades of between R11 and R13 can be produced.

The main areas of application are production or warehouse facilities in commercial and industrial operations, often with wet exposure.

Alternative systems: [System A1](#) for a lower slip-resistance, [System A5](#) for higher demands on mechanical load.



3. Top sealer **KLB-SYSTEM EPOXID EP 216 Universal**
2. Top coat **KLB-SYSTEM EPOXID EP 216 Universal** - fully scattered with **quartz sand**
1. Primer **KLB-SYSTEM EPOXID EP 50**

System build-up

Layer	See product information for more details
Total layer thickness	approx. 2.5 - 4 mm
Top sealer (3)	KLB-SYSTEM EPOXID EP 216 Universal
Top coat (2)	KLB-SYSTEM EPOXID EP 216 Universal , fully scattered with quartz sand
Primer (1)	KLB-SYSTEM EPOXID EP 50* <small>*alternatively, EP 52 Spezialgrund, EP 52 RAPID, etc. 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

Foodstuffs:

- Food markets and sales areas
- Butcheries, slaughterhouses, dairy, meat and fish industry
- Beverages industry and breweries

Agriculture:

- Milking parlours and milk rooms

Automotive, garages and car parks:

- Manufacturing and production
- Car workshops

External surfaces:

- Commercial exterior coatings

System features

- resistant to hot water up to 65 °C / 149 °F
- resistant to chemicals
- impervious to fluids
- resistant to mechanical load
- rigid
- glossy
- slip-resistant in R11
- slip-resistant in R12/R13
- structured

Technical data

Bending tensile strength (EP 216 Universal)	> 45	N/mm ²	DIN EN 196/1
Compressive strength (EP 216 Universal)	> 55	N/mm ²	DIN EN 196/1
Shore-hardness D (EP 216 Universal)	80	-	DIN 53505 (after 7 days)
Abrasion (Taber Abraser) (EP 216 Universal)	55	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: grades R11 V4, R11 V6, R11 V8 and R12 V4
- Suitable for use in foodstuffs according to § 31 para. 1, German Food and Feed Code (German law LFGB).
- Ease of decontamination according to DIN 25415-1: Excellent
- 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.