

System A5

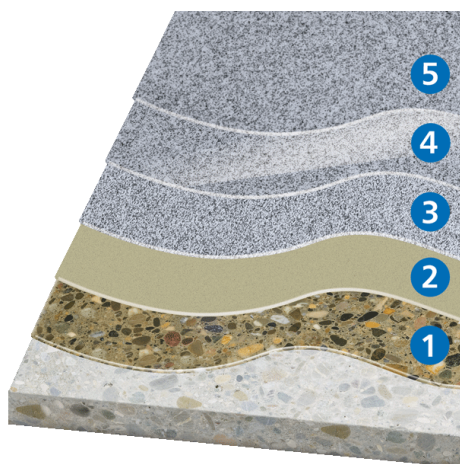
KLB INDUSTRIAL EP RX Robust

Slip-resistant, robust epoxy resin coating scattered with coloured sand

The coating system A5 is a robust coating formulated to produce an antislip surface for medium to high mechanical load. Slip-resistance grades between R11 and R13 can be reached.

This system is particularly suitable for industrially used areas, e.g. in storage and production facilities exposed to industrial truck traffic. As one work step** can be saved, the system is very economical.

Alternative systems: [System A1](#) for smooth coatings, [System A3](#) for lower demands on mechanical load, [System A6](#) for very high demands on mechanical load.



5. Matt sealer **KLB-SYSTEM EPOXID EP 860**
4. Top sealer **KLB-SYSTEM EPOXID EP 175 Spezial**
3. Top coat made of **KLB-SYSTEM EPOXID EP 99** and mixed sand **KLB-Mischsand 3/1**, scattered with coloured quartz sand **KLB-Colorquarzsand CQS-46xx**
4. Levelling base layer with **KLB-SYSTEM EPOXID EP 50** and mixed sand **KLB-Mischsand 3/1**, fully scattered with **KLB quartz sand**
5. Optional primer **KLB-SYSTEM EPOXID EP 50**

System build-up

| Layer | See product information for more details |
|--------------------------|---|
| Total layer thickness | approx. 3 - 4 mm |
| Matt sealer (5) | KLB-SYSTEM EPOXID EP 860 |
| Top sealer (4) | KLB-SYSTEM EPOXID EP 175 Spezial |
| Top coat (3) | KLB-SYSTEM EPOXID EP 99 with mixed sand KLB-Mischsand 3/1 and scattered with coloured quartz sand CQS-46xx |
| Levelling base layer (2) | KLB-SYSTEM EPOXID EP 50*** with mixed sand KLB-Mischsand 3/1 , fully scattered with KLB quartz sand ***alternatively, EP 99 can be used. |
| Optional primer (1) | KLB-SYSTEM EPOXID EP 50* *alternatively, EP 52 Spezialgrund, EP 52 RAPID, etc. can be used. |
| 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
- Chemical resistance

Foodstuffs:

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

Special solutions:

- Chemical resistance

Agriculture:

- Milking parlours and milk rooms
- Chemical resistance
- Biogas plants

Automotive, garages and car parks:

- Car exhibitions

Technical data

| | | | |
|-----------------------------------|----------|-------------------|--------------------------|
| Bending tensile strength (EP 99) | 35 | N/mm ² | DIN EN 196/1 |
| Compressive strength (EP 99) | 80 | N/mm ² | DIN EN 196/1 |
| Shore-hardness D (EP 99) | 78 | - | DIN 53505 (after 7 days) |
| Shore-hardness D (EP 175 Spezial) | 78 | - | DIN 53505 (after 7 days) |
| Gloss level (EP 860) | 10 (85°) | - | DIN 67530 |

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:

- Slip-resistance according to DIN 51130 and BGR 181: grades R11 V4, R11 V6, R11 V8 and R12 V10
- 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.