

System A6

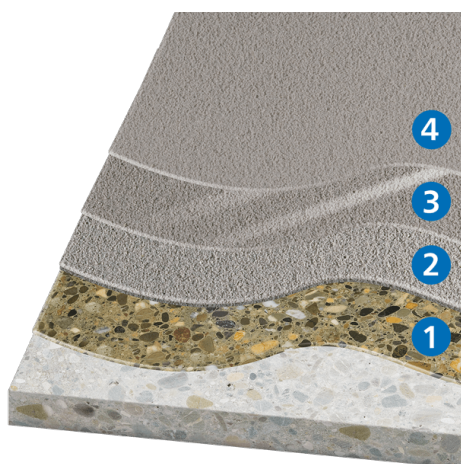
KLB INDUSTRIAL EP Screed

Smooth epoxy resin mortar coating

The coating system A6 is a manually or mechanically smoothed mortar coating for use under high mechanical load in industrial areas. The surface is not designed to be slip-resistant.

The system complies with the requirements for industrial production and storage facilities as well as for traffic routes used by floor conveyors.

Alternative systems: [System A7](#) for higher optical demands, [System A5](#) for lower demands on mechanical load.



4. Matt sealer **KLB-SYSTEM EPOXID EP 860**
3. Pore-filler **KLB-SYSTEM EPOXID EP 174**
2. Mortar coating with **KLB-SYSTEM EPOXID EP 150** and mixed sand **KLB-Mischsand 1**
1. Primer **KLB-SYSTEM EPOXID EP 50**, openly scattered with quartz sand **KLB-Quarzsand 0.7/1.2 mm**

System build-up

| Layer | See product information for more details |
|------------------------------|---|
| Total layer thickness | approx. 5 - 10 mm |
| Matt sealer (4) | KLB-SYSTEM EPOXID EP 860 |
| Pore-filler (3) | KLB-SYSTEM EPOXID EP 174 |
| Mortar coating (2) | KLB-SYSTEM EPOXID EP 150 and mixed sand KLB-Mischsand 1 |
| Primer (1) | KLB-SYSTEM EPOXID EP 50* , openly scattered with quartz sand KLB-Quarzsand 0.7/1.2 mm <small>*alternatively, EP 52 Spezialgrund, EP 52 RAPID, EP 150, 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:

- Manufacturing and production
- Storage and logistics
- Laboratory

Foodstuffs:

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

System features

- application area - Indoor
- impervious to fluids
- resistant to industrial trucks
- resistant to mechanical load
- rigid
- matt
- smooth

Technical data

| | | | |
|-----------------------------------|----------|-------------------|--------------|
| Bending tensile strength (EP 150) | 30 | N/mm ² | DIN EN 196/1 |
| Compressive strength (EP 150) | 70 | N/mm ² | DIN EN 196/1 |
| 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:

- Fire behaviour classification according to DIN EN 13501-01:2010-01: C_{fl}-s1
- Examining the resistance against peroxyde.
- Bacteriostatic activity in combination with **EP 860 Clean** according to ISO 22196-2011-08 and JIS 2801:2000.
- 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.