

System H5

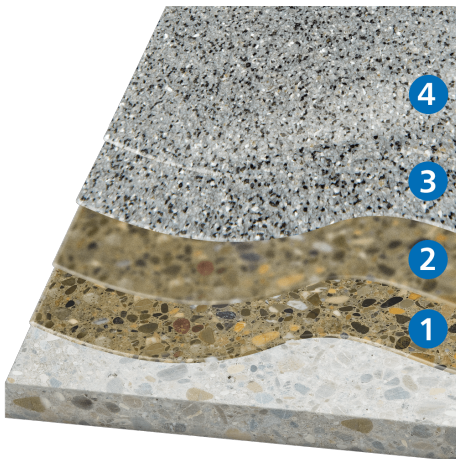
KLB FOOD EP RX Decor

Economical epoxy resin coating for the food and beverage industry

The coating system H5 can be used in the beverage and food industry, where robust and slip-resistant coatings with an excellent stain resistance are required.

This system is used in areas where an economical coating without any composite waterproofing is required, such as in wineries and wine production facilities with substrates in contact with the ground or in food sales rooms. Other areas of application for this system are those where special requirements for the chemical or mechanical resistance of the covering must also be met. As one work step** can be saved, the system is very economical. As an alternative to a multicoloured RX surface, the flooring can be made plain-coloured.

Alternative systems: [System H2](#) when a tested composite waterproofing is required in a low-emission build-up, [System H6](#) with low-emission properties.



4. Top sealer **KLB-SYSTEM EPOXID EP 175 Spezial**
3. Top coat with **KLB-SYSTEM EPOXID EP 216 Universal**, scattered with coloured quartz sand **KLB-Colorquarzsand CQS-46xx**
2. Levelling base layer with **KLB-SYSTEM EPOXID EP 52 Spezialgrund** and mixed sand **KLB-Mischsand 3/1**, fully scattered with **KLB quartz sand**
1. Optional primer **KLB-SYSTEM EPOXID EP 52 Spezialgrund**

System build-up

Layer	See product information for more details
Total layer thickness	approx. 3 - 4 mm
Top sealer (4)	KLB-SYSTEM EPOXID EP 175 Spezial
Top coat (3)	KLB-SYSTEM EPOXID EP 216 Universal, scattered with coloured quartz sand CQS-46xx
Levelling base layer (2)	KLB-SYSTEM EPOXID EP 52 Spezialgrund* and mixed sand KLB-Mischsand 3/1, fully scattered with KLB quartz sand
Optional primer (1)	KLB-SYSTEM EPOXID EP 52 Spezialgrund <small>*alternatively, EP 53 Spezialgrund AgBB or 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

Foodstuffs:

- Wineries, Wine production
- Food markets and sales areas
- Beverages industry and breweries

Tests and certifications

The following external test certificates are available for the system:

- Top sealant EP 175 Spezial is suitable for use in foodstuffs according to § 31 para. 1, German Food and Feed Code (German law LFGB)
- Top sealant EP 860 is 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.