

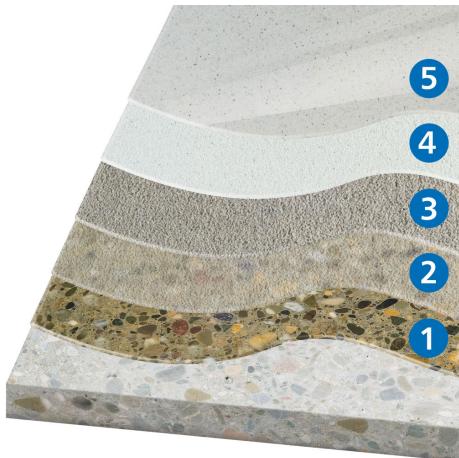
System H3

KLB KITCHEN PMMA Standard

Rapid-setting, slip-resistant PMMA coating for kitchens

The coating system H3 complies with all requirements for both commercial or industrial kitchen floors and other wet surfaces that require robust and slip-resistant coatings. The formulation with fast-curing PMMA binding agents enables a very rapid hardening of the system's individual layers - which reduces installation times, especially for short time windows on day or weekend building sites.

Alternative systems: [System H2](#) as low-emission version, [System H1](#) with regular curing times.



5. Top sealer **KLB-SYSTEM ACRYL AC 826**
4. Base coat with **KLB-SYSTEM ACRYL AC 313** and mixed sand **KLB-Mischsand 2/1**, fully scattered with **KLB coloured quartz sand**
3. Membrane layer with **KLB-SYSTEM ACRYL AC 390** and mixed sand **KLB-Mischsand 2/1**
2. Scratch coat with **KLB-SYSTEM ACRYL AC 313** and mixed sand **KLB-Mischsand 2/1**
1. Primer **KLB-SYSTEM ACRYL AC 20**, 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 - 8 mm
Top sealer (5)	KLB-SYSTEM ACRYL AC 826
Base layer (4)	KLB-SYSTEM ACRYL AC 313 with mixed sand KLB-Mischsand 2/1 , fully scattered with KLB coloured quartz sand
Membrane layer (3)	KLB-SYSTEM ACRYL AC 390 with mixed sand KLB-Mischsand 2/1
Scratch coat (2)	KLB-SYSTEM ACRYL AC 313 with mixed sand KLB-Mischsand 2/1
Primer (1)	KLB-SYSTEM ACRYL AC 20 , openly scattered with quartz sand KLB-Quarzsand 0.7/1.2 mm
Substrate	Requirements to the substrate according to BEB worksheets and our primer list or by consultancy from our technical sales service/application technology. Pay attention to possible cross reactions occurring in case of screeds treated with synthetic dispersions.

Area of application

Foodstuffs:

- Butcheries, slaughterhouses, dairy, meat and fish industry
- Beverages industry and breweries
- Commercial kitchens

Special solutions:

- Rapid-setting coatings

System features

- resistant to hot water up to 65 °C / 149 °F
- resistant to chemicals
- impervious to fluids
- resistant to industrial trucks
- resistant to mechanical load
- rigid
- glossy
- slip-resistant in R11
- slip-resistant in R12/R13
- rapid-setting
- curing at low temperatures
- structured

Technical data

Shore-hardness D (AC 313)	Ca. 78	-	DIN 53505 (after 7 days)
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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 R10 V8, R11 V6, R11 V8, R12 V6, R13 V6 or R13 V8.
- Top sealer **AC 826** 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-koetztal.com. In addition, our "General Terms and Conditions" apply.