

System M2

KLB INDUSTRIAL DECOR PMMA

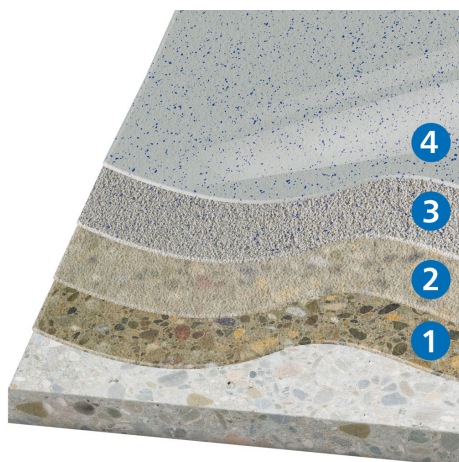
Rapid-setting, slightly slip-resistant PMMA decorative coating for dry areas

The coating system M2 complies with many requirements on decorative commercial or industrial floors, especially for dry areas that require rapid curing times. The formulation with PMMA binding agents enables a very fast hardening of the individual system layers - which reduces the installation time to a minimum, compared to conventional epoxy or polyurethane resin coatings.

This makes the system particularly suitable for dry areas which must be renovated or reworked with a new coating in the shortest possible time.

When using the KLB-partiColor®-Chips (flakes), numerous individual colour options are available.

Alternative systems: [System H3](#) as kitchen floor with sealing layer, [System M1](#) as functional version for wet areas.



4. Top sealer **KLB-SYSTEM ACRYL AC 820**
3. Base layer with **KLB-SYSTEM ACRYL AC 320** and mixed sand **KLB-Mischsand 2/1**, scattered with decorative flakes **KLB-partiColor®-Chips**
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 0.3/0.8 mm**

System build-up

Layer	See product information for more details
Total layer thickness	approx. 3 - 5 mm
Top sealer (4)	KLB-SYSTEM ACRYL AC 820
Base layer (3)	KLB-SYSTEM ACRYL AC 320 , adding mixed sand KLB-Mischsand 2/1 and scattered with decorative flakes KLB-partiColor®-Chips
Scratch coat (2)	KLB-SYSTEM ACRYL AC 313 and mixed sand KLB-Mischsand 2/1
Primer (1)	KLB-SYSTEM ACRYL AC 20 , 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 with PMMA occurring in case of screeds treated with synthetic dispersions. We recommend carrying out a trial area in advance.

Area of application

Industry:

- Manufacturing and production
- Storage and logistics
- Rapid-setting coatings

Agriculture:

- Milking parlours and milk rooms

Offices and public facilities:

- Decoration and design

Special solutions:

- Rapid-setting coatings

System features

- application area - Outdoor
- 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
- smooth
- slightly slip-resistant R9/R10
- rapid-setting
- curing at low temperatures

Technical data

Shore-hardness D (AC 320)	78	-	DIN 53505 (after 7 days)
Abrasion (Taber Abraser) (AC 320)	50	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:

- 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)
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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.
