

Quickly recoatable mineral levelling compounds.



Rapid-setting, coordinated mineral levelling compounds, specially designed for the renovation of old mineral-based industrial coverings or the overcoating with reactive resins.

KLB-SYSTEM EPOXID EC 610 C

Self-levelling, fast-curing 3-component epoxy cement levelling layer (ECC), also as vapour-venting interlayer on substrates that are in contact with the soil or on green concrete slabs.

KLB-SYSTEM EC 633 C

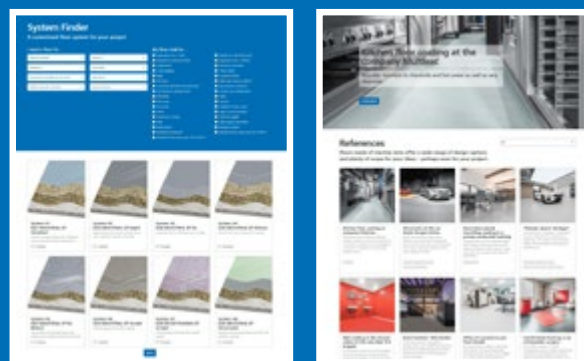
Self-levelling, rapid-setting, polymer-modified 1-component levelling mortar for versatile use.

That's convincing!

- further coatings with reactive resins possible
- self-levelling
- waterproof
- recommended layer thickness 3 - 10 mm
- very fast, low-shrinkage hardening
- high mechanical load-bearing capacity
- low-emission, suitable for recreation rooms

The systematic approach to great flooring.

You can find more products, systems, references and brochures on our website:



www.klb-koetzal.de/en/systemfinder www.klb-koetzal.de/en/klb-references

Follow us also on these channels:



KLB KÖTZTAL Lacke + Beschichtungen GmbH

Günzstalstraße 25

89335 Ichenhausen, GERMANY

info@klb-koetzal.com

Phone: +49 (0) 8223-96 92-0

Fax: +49 (0) 8223-96 92-100



www.klb-koetzal.com



Renovations with KLB: Efficient solution from one provider.

Mineral levelling compounds
KLB-SYSTEM EPOXID EC 610 C and EC 633 C



Economic renovations



Take advantage of the KLB levelling compounds!

In the most common mineral levelling compounds, fines, polymers or additives can accumulate on the surface during processing, leading to reduced adhesion and subsequent damage to the coating when moisture penetrates from below.

A significantly more economical solution is offered by the KLB levelling compounds, which have been specially designed to be covered with reactive resins.

Optimised flow and adhesion properties form a high-quality and stable basis for the subsequent synthetic resin coating, to be started without further substrate preparation.

Areas of application:

- Commercially and industrially used renovation areas that require a rapid reusability
- Surfaces exposed to forklift traffic and high mechanical forces
- Industrial flooring with rear-side moisture penetration
- Indoor surfaces and recreation rooms

Take a look at EC 610 C and EC 633 C

Both **KLB-SYSTEM EPOXID EC 610 C** and **EC 633 C** enable fast and uncomplicated installation in a recommended layer thickness of 3 - 10 mm. The fast and low-shrinkage curing provides a high-strength base for subsequent reactive resin coatings.

In combination with suitable coatings, floor coverings for commercial and industrial use can also be created with forklift suitability – and thus higher mechanical load-bearing capacity as well as fast reusability.



Product features	EC 610 C	EC 633 C
Processing time	30 minutes (at 20 °C / 68 °F)	
Processing temperature (room and floor)	Minimum 10 °C / 50 °F, Maximum 28 °C / 82.4 °F	Minimum 5 °C / 41 °F, Maximum 28 °C / 82.4 °F
Curing time (at 20 °C / 68 °F)	12 - 16 hours	8 - 10 hours
Further coatings with reactive resins (at 20 °C / 68 °F)	15 - 24 hours 24 - 48 hours (> 75 % relative humidity)	
Mechanical load-bearing capacity (at 20 °C / 68 °F)	after 1 - 2 days	
Compressive strength (28 days)	55 N/mm ²	50 N/mm ²
Flexural strength (28 days)	11 N/mm ²	8 N/mm ²

Here you can find more details, media and product information:



Scan QR code or open link in browser:
www.klb-koetzal.de/en/mineral-levelling-compounds



Properly combined, optimally coordinated

Depending on the levelling compound, **KLB-SYSTEM EPOXID EP 724 E Haftgrund Super** (for EC 610 C) or the low-emission dispersion base coat **EC 940 Grund** (for EC 633 C) can be used as primer on the mechanically prepared substrate.

Alternatively, epoxy resin primers such as **KLB-SYSTEM EPOXID EP 53 AgBB-Spezialgrund** can be used when being sanded openly with quartz sand (**Quarzsand, grain size 0,7/1,2 mm**).



On we go:

Already after 16 - 24 hours, the primer can be applied for the subsequent reactive resin coating.

KLB-SYSTEM EPOXID EP 724 E Haftgrund Super is suitable as a system primer at a consumption of 0.2 - 0.3 kg/m². After a short curing time of approx. 12 - 16 hours, a recommended epoxy or polyurethane resin coating can be applied.