

System N1

KLB INDUSTRIAL WALL EP

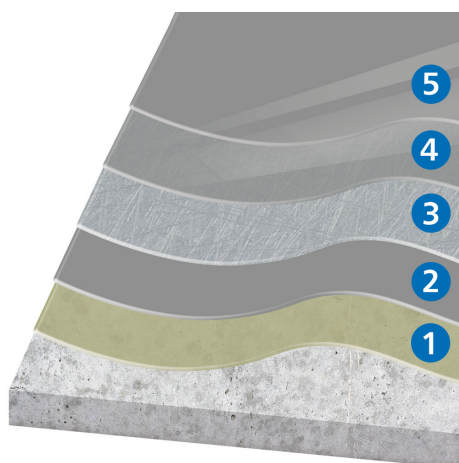
Reinforced epoxy resin coating for walls and ceilings

The system N1 is suitable for producing commercial and industrial coatings on walls and ceilings - especially in areas with requirements on hygiene and cleanability which are exposed to chemical or mechanical loads, as it is the case in production or storage facilities.

Typical areas of application are wall coatings in bakeries, dairies, abattoirs, breweries, in the beverage industry as well as in other areas of the food processing and pharmaceutical industry.

The system is designed to be jointless which offers an economic and hygienic alternative to conventional ceramic wall coatings.

Alternative systems: [System N2](#) as low-emission wall coating based on polyurethane.



5. Optional: second sealing layer with **KLB-SYSTEM EPOXID EP 699 S**
4. Top coat **KLB-SYSTEM EPOXID EP 699 S** applied in wet
3. Base layer **EP 699 S** and glass fibre mat **Armierungsvlies VA 125 x 300** to be inserted/laminated into the fresh coating
2. Optional: cavity filler with **KLB-SYSTEM EPOXID EP 699 S** and suspending agent **Stellmittel 3 S**
1. Primer **KLB-SYSTEM EPOXID EP 50**

System build-up

Layer	See product information for more details
Total layer thickness	approx. 1.5 - 2.5 mm
Optional 2nd sealing layer (5)	KLB-SYSTEM EPOXID EP 699 S
Top coat applied in wet (4)	KLB-SYSTEM EPOXID EP 699 S
Base layer (3)	KLB-SYSTEM EPOXID EP 699 S and glass fibre mat Armierungsvlies VA 125x300 to be inserted/laminated into the fresh coating
Optional cavity filler (2)	KLB-SYSTEM EPOXID EP 699 S and suspending agent KLB-Stellmittel 3 Super
Primer (1)	KLB-SYSTEM EPOXID EP 50* <small>*alternatively, EP 51 RAPID S, EP 52 Spezialgrund 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

Industry:

- Manufacturing and production
- Laboratory

Foodstuffs:

- Butcheries, slaughterhouses, dairy, meat and fish industry
- Beverages industry and breweries
- Cold storage and deep-freezing rooms

Agriculture:

- Milking parlours and milk rooms
- Animal husbandry and feeding tables

Special solutions:

- Functional wall coatings

System features

- application area - Indoor
- impervious to fluids
- resistant to mechanical load
- rigid
- glossy
- structured

Technical data

Shore-hardness D (EP 699 S)	62	-	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

Currently, there do not exist any external test certificates available for the system.



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.