

System N4

KLB DECOR LOW-VOC Wall EC

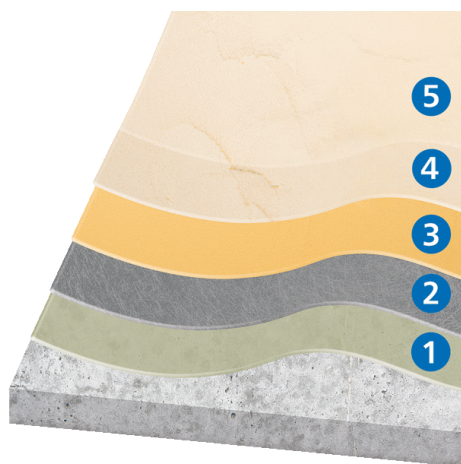
Low-emission, decorative wall coating with individual colouring

The coating system N4 is a low-emission, aesthetically pleasing and very decorative wall coating, whose coordinated components allow for both colourful and craftsman-like creativity in room design. It is especially used in private or commercial areas, such as retail spaces, exhibitions, museums, entrance areas, foyers, staircases, private living rooms or modern loft flats. System N4 KLB DECOR LOW-VOC Wall EC can also be used in areas with constant wet exposure based on DIN 18534 (W1-I to W3-I), like commercial or private bathrooms, showers, swimming pool surrounds and other sanitary facilities. The indications of our product information and test certificates must be observed in any case.

The multi-layer structure and the reinforcement fleece provide good crack-bridging for jointless, robust and hygienic wall coatings.

The system complies with the requirements posed by Indoor Air Comfort Gold Label version 6.0 (2017) which guarantees regular testing and confirmation of the system's low emissions. The components of this build-up have been certified for sustainable building according to DGNB, LEED or Minergie ECO.

Alternative system: [System G14](#) as version to be applied on floors, [System N1](#) as wall coating for high demands on mechanical and chemical load.



5. Matt sealer **KLB-SYSTEM POLYURETHAN PU 811 E Wall**
4. Top coat with **KLB-SYSTEM EC 450 DECOR**
3. Top coat with **KLB-SYSTEM EC 450 DECOR**
2. Elastic intermediate layer* with **KLB-SYSTEM ABDICHTUNG CW 512**
+ reinforcement fleece **KLB-SYSTEM Armierungsvlies VA 1044**
1. Primer **KLB-SYSTEM EPOXID EP 724 E Haftgrund Super**

System build-up

Layer	See product information for more details
Total layer thickness	approx. 2.0 - 2.5 mm
Matt sealer (5)	KLB-SYSTEM POLYURETHAN PU 811 E Wall
Second trowel coat (4)	KLB-SYSTEM EC 450 DECOR
First trowel coat (3)	KLB-SYSTEM EC 450 DECOR
Elastic intermediate layer (2)	KLB-Abdichtungssystem CW 512 with reinforcement fleece KLB-SYSTEM Armierungsvlies VA 1044
Primer (1)	KLB-SYSTEM EPOXID EP 724 E Haftgrund Super
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

Offices and public facilities:

- Decoration and design
- Living
- Museum
- Low-emission coatings

Special solutions:

- Low-emission coatings
- Wall coatings

Technical data

Gloss level (PU 811 E Wall)	15 at 85°	-	DIN 67530
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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 and internal test certificates are available for the system:

- Certified as low-emission according to Eurofins "Indoor Air Comfort Gold". Compliant with AgBB and suitable for recreation rooms.
- CW 512 tested based on EAD 030352-00-0503 (former ETAG 022), test certificate ETA-23/0766.

- 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.