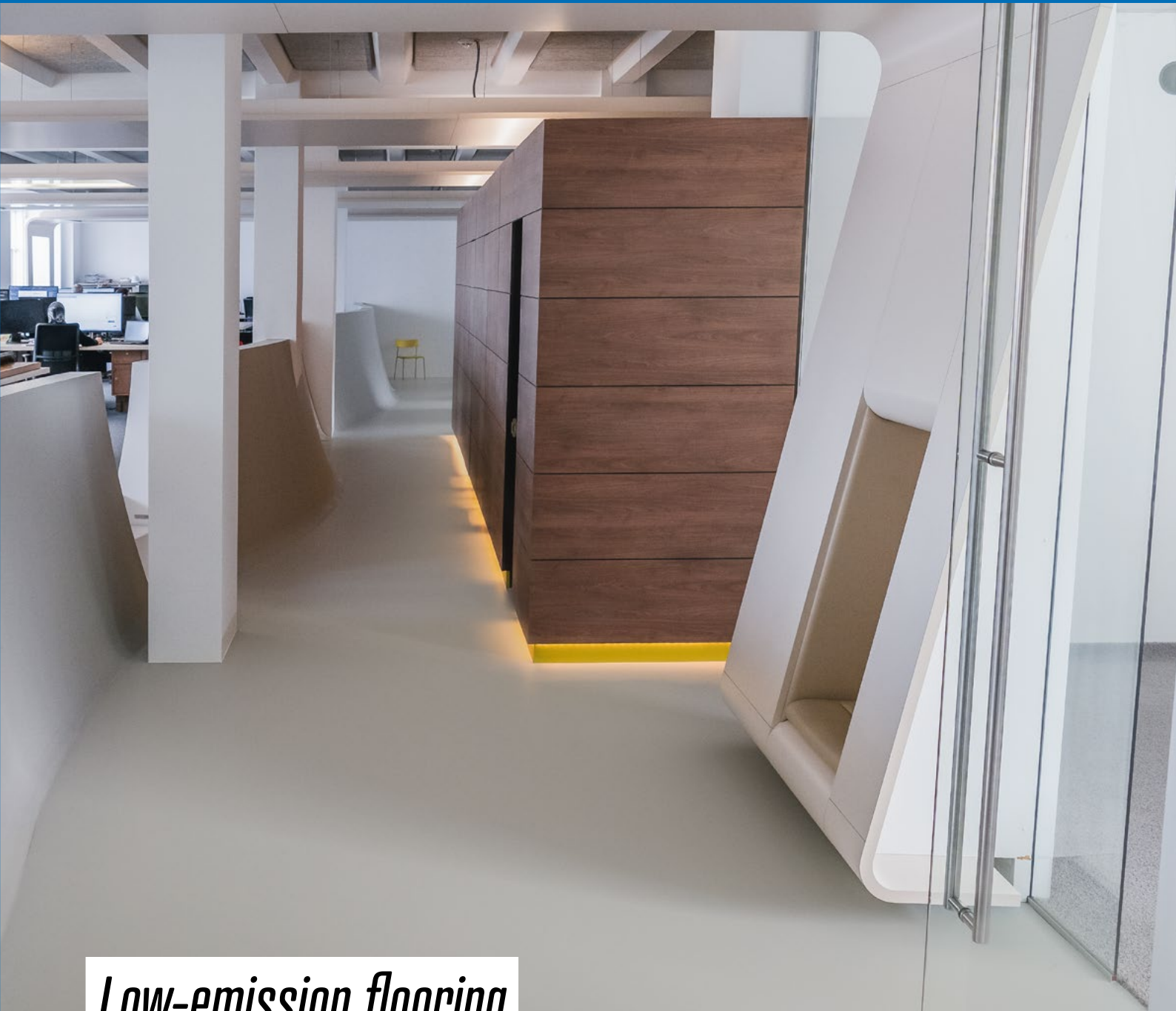


OBJECT INSIGHT

INSIGHT INTO VERY SPECIAL OBJECTS

INDUSTRY AUTOMOTIVE, GARAGES, CAR PARKS AGRICULTURE FOODSTUFFS HEALTHCARE OFFICES, PUBLIC FACILITIES EXTERNAL SURFACES SPECIAL SOLUTIONS



*Low-emission flooring
in a harmonious colour concept*

The Object

Office HKR+ Partner
for Architecture and Design
50823 Köln, GERMANY

Category: Offices
Area size: 100 m²
Completion: Dec 2023

Floor covering:
Low-emission, decorative,
Eurofins-tested floor coating

Area type:
Office rooms

Requirements:
Use of low-emission products
in the context of sustainable
and healthy building, matching
colour tone to the carpets,
good stain resistance and
cleanability.

Colour:
approx. RAL 7044



Insight: Eurofins-tested

To ensure that our products meet the highest quality standards, they are constantly subjected to common VOC testing. The results of these tests have been awarded the Eurofins 'Indoor Air Comfort Gold' label and fulfil many international air quality regulations. The Eurofins label is one of the most stringent for low emission values in Europe.



Colour-coordinated flooring in harmony with the overall design concept.



All in the name of healthy building: sustainable and low-VOC coating materials.

System G7 KLB DECOR LOW-VOC PU Light Sealed

OFFICES AND PUBLIC FACILITIES / DECORATION AND DESIGN

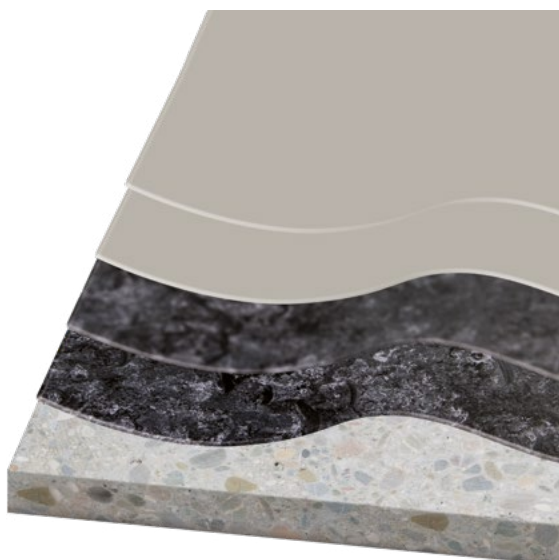


For reasons of resource saving, the old flooring in the architect's office HKR was only to be reworked and not completely removed. In addition to functional criteria, there were also certain aesthetic requirements:

the new floor should match the colour of the existing carpets. And it was important to meet health and sustainability concepts. This is why a flooring system was chosen that is made from environmentally friendly, low-pollutant materials and helps to create a pleasant room climate.

System G7 KLB DECOR LOW-VOC PU Light Sealed fulfils exactly these requirements and has been certified by Eurofins for its low emissions.

Within this build-up, a water-based emulsion epoxy resin primer ensures excellent adherence. An elastic PU coating was applied on top of it. This was followed by a silk-matt sealer in a colour of approx. RAL 7044 Silk Grey, which is light-stable to withstand sunlight for as long as possible. Its high opacity gives a beautiful and evenly matt surface finish as well as a good stain resistance.



Top sealer
KLB-SYSTEM POLYURETHAN PU 812 E

Top coat with
KLB-SYSTEM POLYURETHAN PU 410

Intermediate primer to bind dust
KLB-SYSTEM EPOXID EP 727 E

Old flooring with recommended preparation by grinding



The systematic approach to great flooring.

You can find more systems and references on our website:

www.klb-koetzal.de/en/systemfinder

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

Please note: This Object Insight brochure shows exemplary build-ups for a specific area of application. It does not replace qualified, object-specific advice from KLB for your project. 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 responsibility for the work not carried out by us, since we have no influence on the processing or processing conditions on site. We recommend on-site trials to be conducted in individual cases. In addition, our "General Terms and Conditions" apply.



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