

OBJECT INSIGHT

INSIGHT INTO VERY SPECIAL OBJECTS

INDUSTRY

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



*Industrial storage hall of
logistics services provider Logwin*



KLB
KÖTZTAL

The Object

**Warehouse coating
at Logwin**
D-64646 Heppenheim

Category: Storage and
logistics hall

Area size: approx. 3,500 m²

Completion: Dec 2021

Floor covering:

Water protection coating
with high chemical resistance

Area type:

Storage and dispatch area
exposed to forklift traffic

Requirements:

Chemical-resistant industrial
floor that is accessible to
vehicles and complies with
WHG requirements



Insight: Functional flooring for a warehouse

Durability, reliability and safety are just some of the requirements that a flooring in warehousing and logistics must meet to ensure smooth processes. Especially in such areas, a coating system with high resistance to chemicals and external forces such as forklift trucks should be used, which is also WHG-compliant to a certain extent.



Suitable for substances hazardous to water.



Highly resistant to mechanical stress on the surface.

System B1 KLB PROTECT WHG EP

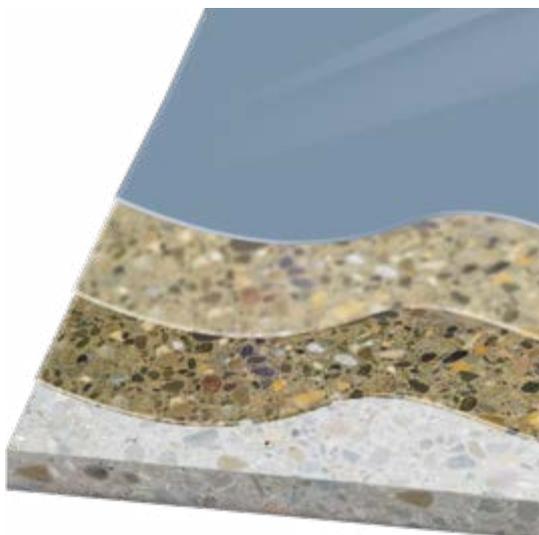
INDUSTRY / STORAGE AND LOGISTICS

Functionality and performance were the top priorities for logistics services provider Logwin when planning and building their new storage hall. Added to this were a high degree of mechanical robustness and crack-bridging as well as resistance to chemical substances and compliance with WHG requirements (German Water Protection Law).

System B1 KLB PROTECT WHG EP as chemical-resistant epoxy resin floor coating with general building authority approval in accordance with § WHG is convincing in its use for this industrial warehouse and logistics centre. Irregular medium mechanical loads caused by heavy machinery, auxiliary or transport equipment should not cause problems for the flooring. When matching the system components,

the solvent-free **EP 55** primer was applied with scratch coat. This is required, among other things, for the subsequent application of the water protection coating.

The **EP 282 WHG** functional layer, in combination with **EP 55**, is approved by the building authorities and may therefore be used for collecting drains and rooms, such as in HBV (production, treatment or processing facilities) or LAU plants (storage, filling and handling facilities) according to § 63 of the Water Resources Act. The hardened coating is liquid-tight and has a high chemical resistance. In keeping with the area of application, the finished epoxy resin floor is very robust and resistant to rolling, grinding or impact abrasion, even when the surface is subjected to heavy use.



Top coat **KLB-SYSTEM EPOXID EP 282 WHG**
optional: injecting structured granulate
Strukturmittel RQX 9/10

Scratch coat with
KLB-SYSTEM EPOXID EP 55 and mixed sand
KLB-Mischsand 2/1

Primer
KLB-SYSTEM EPOXID EP 55

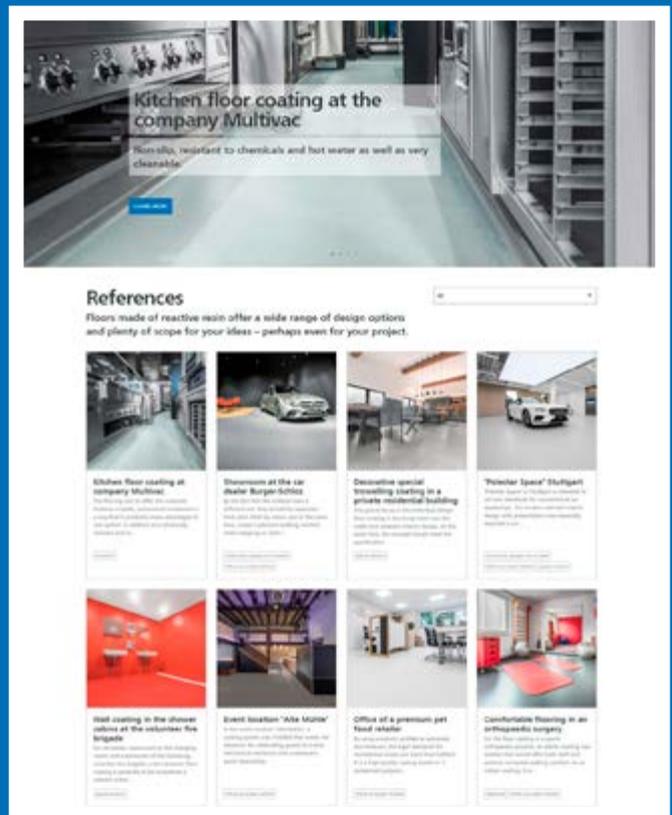


The systematic approach to great flooring.

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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