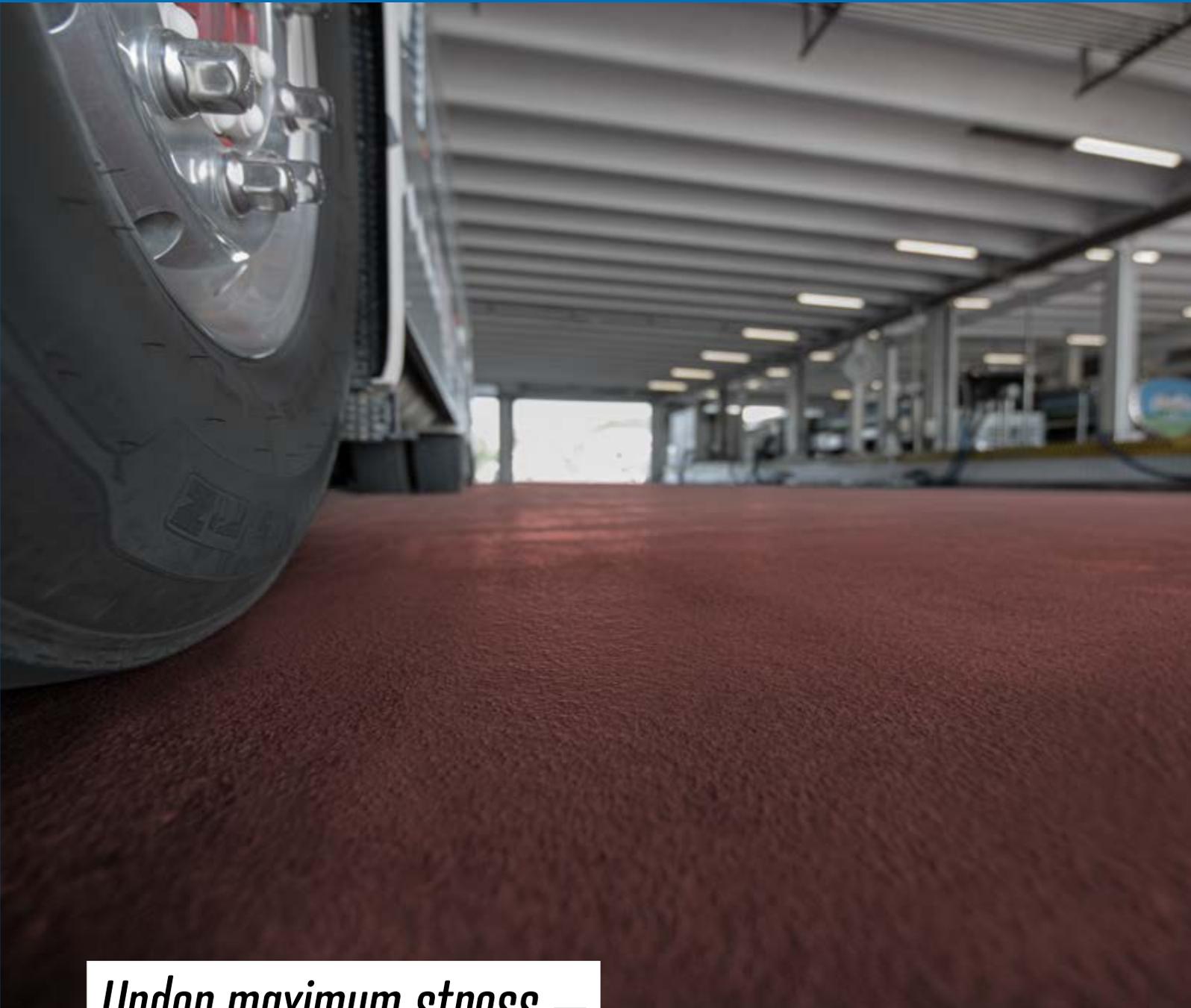


OBJECT INSIGHT

INSIGHT INTO VERY SPECIAL OBJECTS

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



*Under maximum stress –
PU-Concrete holds up*

The Object

Dairy cooperative
"Milchwerke Schwaben eG"
Reuttier Str. 142
89231 Neu-Ulm, GERMANY

Category:
Truck unloading zone
Area size: 980 m²
Completion: 2016

Floor covering:
8-year-old, resistant
CHEMORESIN PU-BETON
coating, exposed to extremely
high mechanical stress,
constant moisture and
chemical exposure

Area type:
Passage zone in the truck
unloading area

Requirements:
Seamless flooring with high
mechanical and chemical
resistance, specifically
designed for areas subject
to heavy truck traffic

Colour:
red

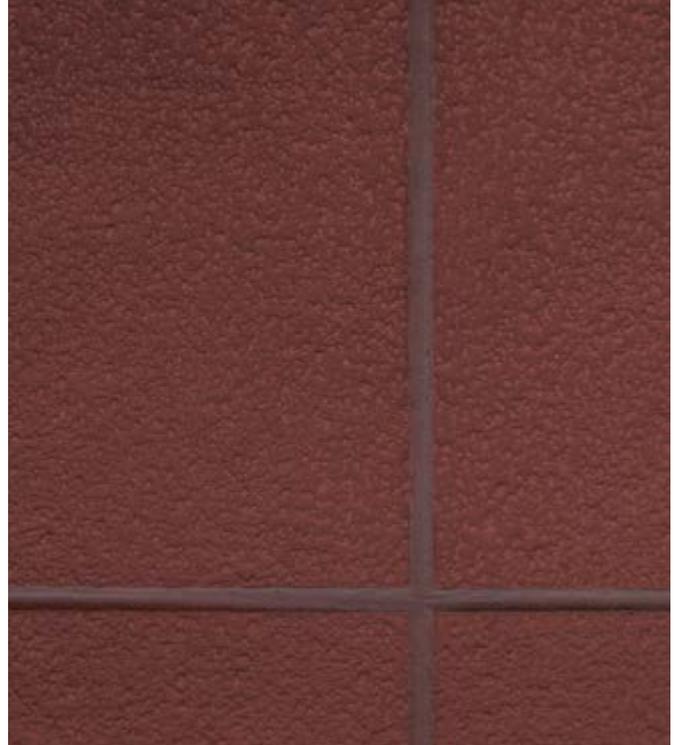


Insight: Durable joint solution using PU 465

In the high-traffic truck passageway, the specially developed KLB-SYSTEM POLYURETHAN PU 465 was used for the working and expansion joints – with long-lasting success. Even after eight years of continuous exposure to heavy vehicle loads, moisture, and chemical influences, the joint compound remains fully intact and continues to deliver exceptional abrasion resistance. PU 465 is specifically designed for so-called maintenance joints that require regular inspection and maintenance.



Extremely durable – no cracks, no breakage.



Long-term slip resistance combined with mechanical strength and hygienic

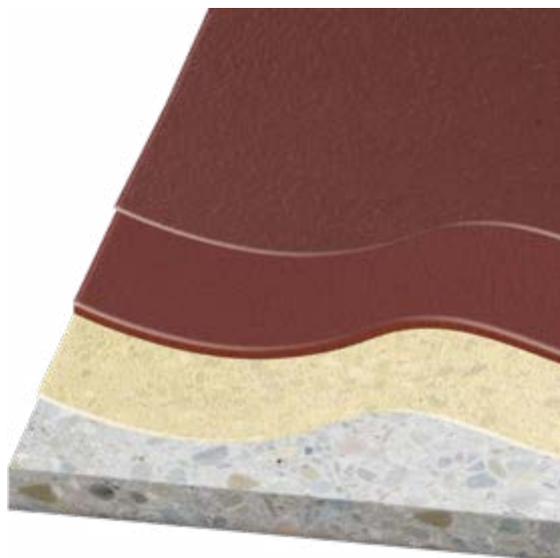
8 years under full load: PU-Concrete stands the test

FOODSTUFFS

At the milk delivery station of dairy cooperative Milchwerke Schwaben eG, more than 40 trucks pass through daily, transporting around 1.2 million litres of milk each year. The PU concrete reliably withstands the intense mechanical demands, as well as permanent moisture, road dirt, winter de-icing salts, and even lactic acid – and has done so for eight years without any cracking or structural damage. This is a powerful example of durability, safety, and long-term performance – even under the most extreme conditions. In the truck hall, the **I2 CHEMORESIN PU-BETON Standard system** was used to install a PU-BETON 4009 mortar – creating a mechanically robust and hygienic flooring solution tailored to the food industry. The surface remains

permanently resistant to constant wet conditions and chemical exposure. Beyond the strain from truckloads, the area is also subject to tyre abrasion, particularly as it is a slip-resistant scattered system. Additional mechanical stress is caused by heavy hoses with metal flanges, which may hit the floor during unloading operations. Once again, the PU concrete demonstrates its superior impact and shock resistance.

Its outstanding longevity and mechanical resilience convinced the facility operator: following this positive experience, the flooring system has since been extended to other sensitive indoor areas, such as compressor rooms,



Top sealer
KLB-SYSTEM PU-BETON 4080

Mortar coating with
KLB-SYSTEM PU-BETON 4009,
scattered with quartz sand **KLB-Quarzsand 0.3/0.8 mm**

Primer
KLB-SYSTEM PU-BETON 4050 Grundierung
(NEW: **CHEMORESIN PU-BETON 4051**)

Watch it on
YouTube
 YouTube
@klbkoetzal

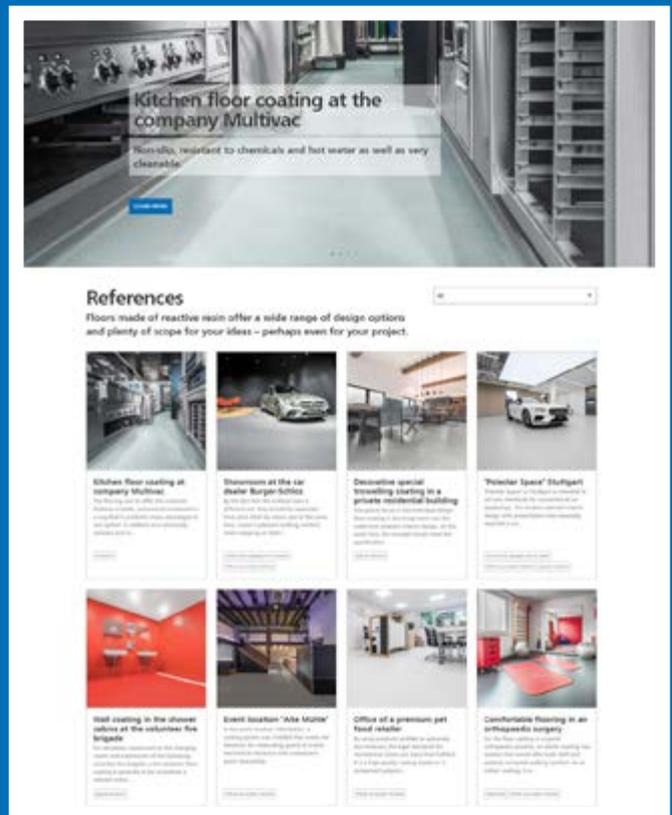


The systematic approach to great flooring.

You can find more systems and references on our website:



www.klb-koetzal.de/en/systemfinder



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

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