



POSSEHL
SPEZIALBAU

For more safety
and performance

CONSTRUCTION SERVICES FOR AVIATION AREAS

Paving
Professionals

FOR SAFE FLIGHT OPERATIONS **OUR SERVICES AT A GLANCE**

Safety through quality - according to this concept, we offer construction services and products in the sensitive special construction sector of aircraft operating areas.

Around four billion passengers are transported at airports worldwide every year. The forecast annual growth in international air traffic is five percent on average. This increase in passenger and cargo volume represents an immense challenge for all airport operators. Runways have to be maintained and repaired with a view to traffic safety. Downtimes should be as short as possible or avoided altogether. The increased need for mobility also means that smaller airports have a greater need to renovate, expand or optimize their aircraft movement areas.

As experts for aircraft movement areas with more than 60 years of experience, we offer airport operators a comprehensive range of services and solutions: from repair to complete rehabilitation of runways, high-speed exits, parallel taxiways, aprons and hangar areas, including all preparatory work and ancillary services.

Particularly in the sensitive area of aviation operation areas, the highest level of quality and expertise is required to ensure the safety of air traffic. In order to disrupt flight operations as little as possible, much of the work is carried out at night. We use a modern fleet of vehicles and equipment to achieve high daily performance.

We are also SCC-certified for the aviation operations area.

**More info.
More projects.
More services.**





The protective coating for
aviation operation areas

POSSEHL PAVEPROTECT

POSSEHL PAVEPROTECT is an epoxy treatment for the protection of surfaces exposed to aggressive substances. Surfaces treated in this way offer numerous advantages over untreated surfaces and are characterized by a longer service life and value retention.

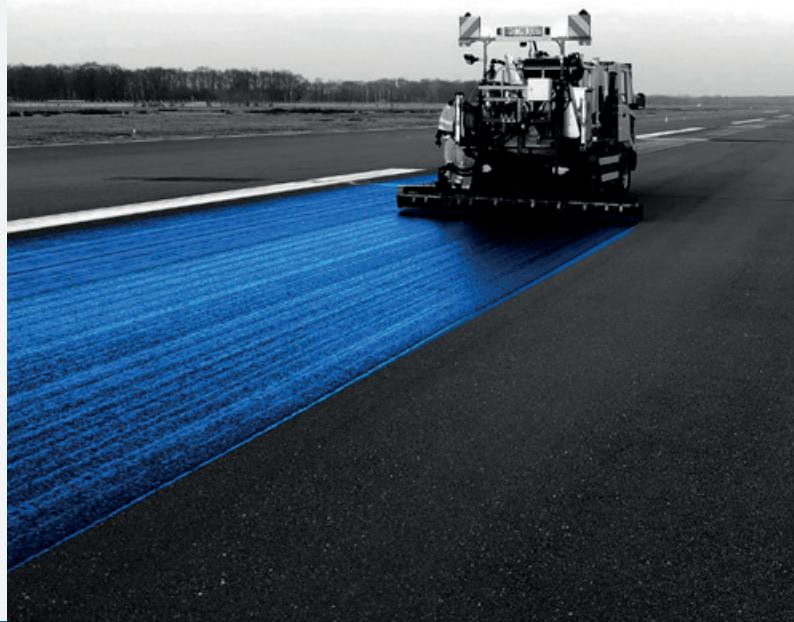
The specialists for
AGL installation

FL8LIGHTS

Modernize your airport with state-of-the-art AGL technologies and set new standards in safety and efficiency. We will help you with this and produce supply line bores, as well as bores for the installation shells including the height-adjusted cutting of the support surfaces for your new in-pavement lighting.

Furthermore, the proper and professional installation of the bottom parts of underfloor lamps is one of our special services. All common and modern lamp systems are installed.

In addition, all drilling work, as well as the production and filling of possible cable slots are also carried out.



Discover

FL8SAFE® running runways

The special coating that optimizes airport utilization, provides maximum safety and keeps the environment in mind: That's FL8SAFE.

It reduces the risk of aquaplaning and increases the directional stability of aircraft. Even in light snow and hoar frost, the pavement remains grippy. At the same time, it reduces rubber abrasion in the touchdown area of runways. More effective utilization, lower maintenance requirements and longer service life compared to conventional pavements ensure economy and sustainability.

More than
20 Mio. sqm
FL8SAFE®
at airports
all over europe

FL8SAFE

running runways





For the fast repair of
of concrete surfaces

Rapid concrete SB 20

Our maintenance measures for concrete flight operation areas include the replacement of slabs and slab parts with Rapid concrete SB20, joint rehabilitation, the fixing or lifting of slabs, and the repair of spalled edges or broken corners.

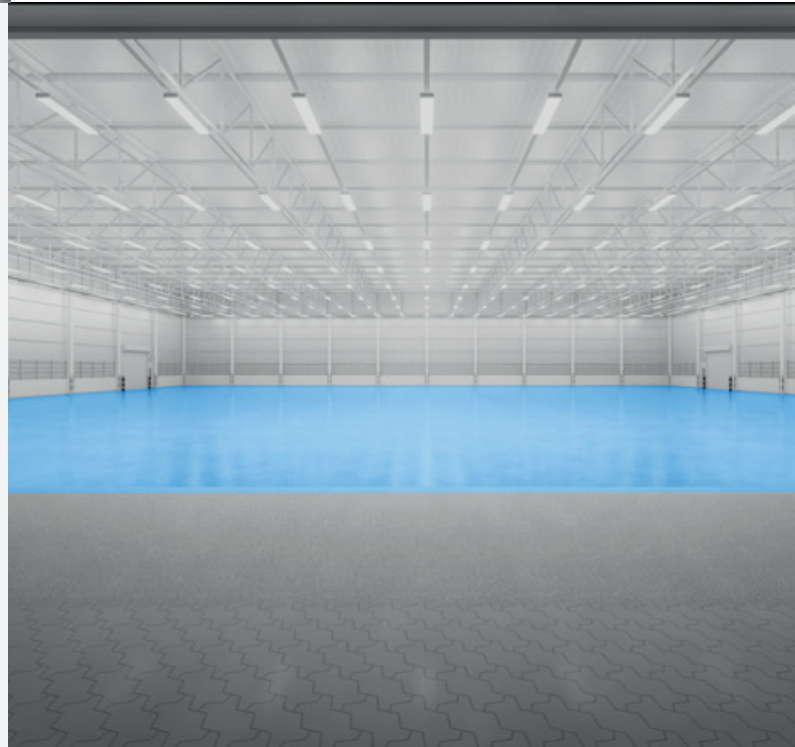
When concrete aviation operation areas are repaired, the focus is on keeping traffic disruptions to a minimum and making the areas available again as quickly as possible.

Functionality, work safety
and design

Floor coatings

POSSEHL Spezialbau offers comprehensive repair concepts in addition to the new installation of industrial floors.

These include all substrate pre-treatments and a modern installation technique, e.g. as thin coatings, which provide stronger mechanical protection than pure sealing systems, or as thick coatings, which achieve a more uniform surface when the profile of the substrates is uneven.



Preservation of
Asphalt surfaces

POSSEHL AsKo

The service life of asphalt pavements has shortened considerably in recent years for various reasons (e.g. increased traffic volume).

In the meantime, this development is being taken into account with extensive measures for the renewal of asphalt wearing courses. Nevertheless, the asphalt layers are aging much faster than the measures could compensate for this progressive effect. Our solution is a preventive approach, as we have known it from many other areas for a long time: preservation with POSSEHL AsKo.



Grooving und Grinding with BumpCutter



Joint cutting



AGL installation



Discover our product portfolio **We offer the right solutions for your requirements**

- Joint cutting and filling
- Separation and deep cuts
- Crack repair
- Concrete repairs
- Asphalt and concrete surface rehabilitation
- Construction solutions to reduce the risk of aquaplaning
- Skid resistance improvement measures
- Demark / Mark
- **Camouflage**
- Coatings, sealants (fuel protection) and impregnations



Joint and crack sealing



KATFIX DSK on Aprons and Taxiways

Since 1956, POSSEHL SPEZIALBAU has been active in the field of maintenance of vehicular-use surfaces, industrial and manufacturing areas, and aircraft-use pavements to maintain their value and ensure their use.

The company's headquarters are in Sprendlingen, Rheinland-Pfalz, Germany. In order to be closer to its customers, POSSEHL SPEZIALBAU is divided into regional divisions and operating facilities. The division Special Coatings for Airfield and Road Infrastructure is also based in Sprendlingen, and is internationally active.

From the very beginning, our corporate guidelines have entailed offering all construction services, including preparatory and additional work, from one source - to the benefit of our clients.

We view interdependent cooperation of the individual specialty divisions as one of our great strengths. Always standing behind POSSEHL SPEZIALBAU is a team of experienced specialists in the fields of surface construction and maintenance, who use their knowledge and expertise to focus on customized solutions to problems for the benefit of the customer.



Prequalification Certificate of DQB
Deutsche Gesellschaft für Qualifizierung
und Bewertung GmbH, N° 101.000199



CE marking according to
EN 12273 DSK



Member of
Deutscher Asphaltverband e.V.



Member of FGSV
(Forschungsgesellschaft für Straßen-
und Verkehrswesen e.V., Köln)



Member of the Association for Bitu-
men Emulsions and Cold Construc-
tion FBK e.V.



Member of
Landesgütegemeinschaft
Betoninstandsetzung



Member of Allgemeiner
Deutscher Fahrrad Club e.V.

Specialist company according to WHG

**POSSEHL Spezialbau GmbH is a
member of the POSSEHL Group,
Lübeck**



Scan the code and find your contact person
www.possehl-spezialbau.de/en/contact-us/