



POSSEHL ANTISKID®

GO FOR MORE
Slots - Payload - Safety - Sustainability

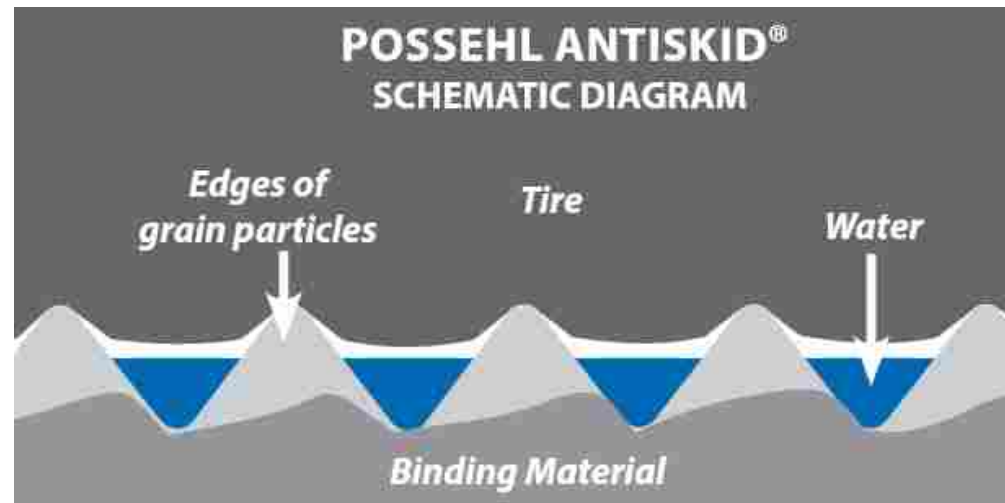
POSSEHL ANTISKID[®]



1. Characteristics
2. Profitable Investment
3. Safe despite rainy, windy or icy weather
4. References



1. Characteristics



- Marked micro & macro texture consisting of a 4mm-layer of special aggregate in a two-component resin binder and covered by a tinted top coat
- Specialized machinery with integrated controls for day and night application
- Resistance to heat, fuel, all known chemical de-icing agents and rubber removal effected by high-pressure water equipment (fan jet nozzles)
- No FOD danger linked to surface deterioration

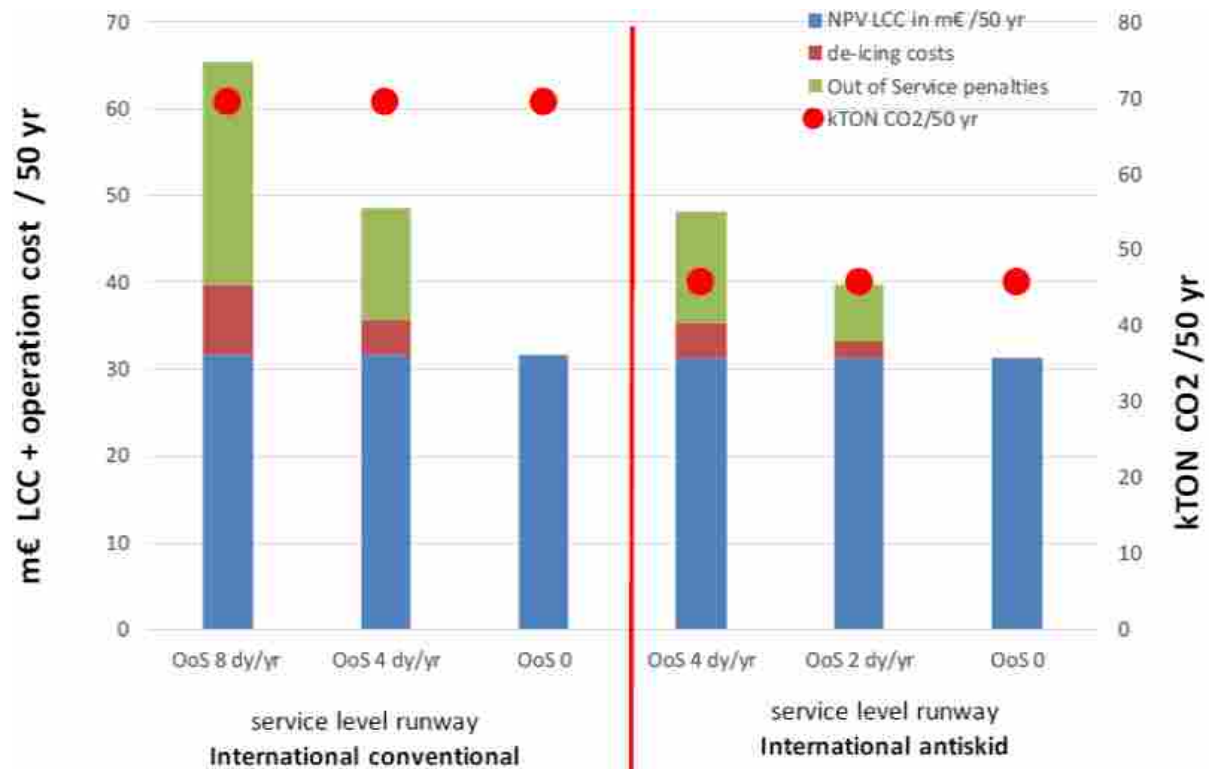
2. Profitable Investment

- Extension of lifetime of the runway surface (average experienced functional life of approx. 15-20 years)
- Considerable reduction of maintenance costs thanks to the subbase protecting properties against the effects of aging and environmental influences (weather conditions, UV-rays, de-icing agents, jet fuel) and to the reduced rubber residues in the touch-down zone (TDZ)
- Considerable reduction in the use of de-icing agents, in losses due to Out-of-Service days and in airfield de-icing activities (up to 85 %)

SAVE TIME & MONEY



2. Profitable Investment



All costs are in m€ over a period of 50 year and CO2 in kTON over a period of 50 year

2. Profitable Investment

- Reduced runway occupation time enabling to sell more slots
- Higher payload thanks to the optimized friction and thus optimized acceleration and braking properties
- Increased **sustainability** by reducing the use of de-icing agents and the CO2-footprint

BOOST REVENUES



3. Safe despite rainy, windy or icy weather

- High drainage capacity and reduced danger of hydroplaning/contamination
- Perfect runway surface condition “dry when wet”
- Increased directional stability in the presence of cross winds
- Improved aircraft control thanks to optimal acceleration and braking action
- Reduced impact of icy weather conditions on airfield activities



4. Reference Example - Amsterdam Airport Schiphol



Runway	Surface	Installation
18L-36R	481.090 m ²	07/1982 → 09/2015
18C-36C	629.209 m ²	07/1980 → 04/2019
09-27	457.555 m ²	08/1981 → 04/2016
06-24	557.383 m ²	08/1984 → 05/2017
04-22	251.659 m ²	09/1985 → 05/2011
18R-36L	319.164 m ²	08/2002 → 04/2014

“Our cooperation is a real partnership. We stand shoulder to shoulder in the good times and the bad. If there is an issue, we come to the table as equal partners, striving to reach a solution together. Everyone contributes their own expertise. The knowledge that Possehl Spezialbau possesses about airside pavement is very pertinent to us.”

4. Reference Example - Athens International Airport (AIA)



Runway	Surface	Installation
03R-21L	219.022 m ²	03/2000 → 09/2019
03L-21R	193.280 m ²	04/2000 → 09/2019

“POSSEHLANTISKID® is a well-established method in line with ICAO and FAA guidelines for high- friction performance, that was initially applied in our airport and is in use up to date, ensuring safe takeoff and landing procedures as well as protection and preservation of the underlying pavement.

It is, however, the high levels of efficiency and professionalism demonstrated by the people of POSSEHL that must be highlighted. These people are POSSEHL’s greatest asset, when one is in search for a reliable and trustworthy partner providing high quality of services in a timely manner and minimum operational cost.”



POSSEHL
SPEZIALBAU

Increase safety &
sustainability

Cut maintenance and
de-icing costs

Maximize payload

Sell more slots!



Michael Dirschedl

Civil Engineer - Manager

Airfield Pavement Construction Services Division

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