



Safe cycling paths
for vibrant streets
EP-GRIP® VELO

BEST EXPERTISE FOCUSED ON
MAXIMUM SAFETY AND SUSTAINABILITY.

EP-GRIP® VELO

For over 30 years, we have been experts in the development and application of traffic surface systems that meet extreme safety requirements, such as airport runways. Truly special material properties are required to ensure that planes can take off and land safely in extraordinary weather. With EP-GRIP® VELO we are bringing our expertise to the cycling paths of Europe.

What is EP-GRIP® VELO made of?

Our system is made of a flexible material based on epoxy resin, in which a stone gravel mixture is spread. It offers a number of impressive benefits that other conventional cycling path surfaces do not.

All kinds of substrate can be covered – be that asphalt, concrete, wood or steel. There are even no limits to the shape the surface can take.

EP-GRIP® VELO can be laid by machine to create long cycling freeways or laid very simply by hand on small surfaces with narrow radii.

EP-GRIP® VELO is the alternative mobility surface and there is no comparable product on the market. And all that: 'Made in Germany'.



EP-GRIP® VELO

Benefits



Durability

Studies by RWTH Aachen University show that our product lasts at least five times longer than conventional cycling path surfaces made from cold plastic. It's a clear cost saving for cities and municipalities.



Grip

EP-GRIP® VELO is made from epoxy resin and stone gravel. The granular and convex surface structure achieves excellent SRT values – even in extreme weather.



Green mobility

POSSEHL uses attractive urban cycling path design to promote green mobility, helping to improve the municipality's CO² balance.



Less abrasion

High-quality bonding agents make the material especially flexible and resilient, significantly reducing microplastic from abrasion. As a result, it protects the groundwater and lightens the load on the municipal waste water system.

Safety



Colour & design

Our product comes in virtually any colour, since both natural and artificially coloured stone gravel can be used. DSGS specifications for red cycling paths are fully met.



Visibility

The material structure guarantees that the surface tension of puddles is broken, eliminating glare. The cycling path is also clearly distinguishable by colour from the street even when wet.

Already more than
1 mio sqm
of POSSEHL cycling
paths in Europe.

Sustainability



Substrate preservation

EP-GRIP® VELO preserves the substrate below it. As a result, the asphalt does not become brittle, meaning that it does not need to be renewed as often. This protects the environment and reduces the costs for cities and municipalities.



Resources

Currently our epoxy resin is partially made from renewable raw materials, helping us to protect resources and contribute to a better eco-balance



Less heat

Light-coloured surfaces reflect heat better than dark paths, meaning that they do not get as hot, which reduces heat emission. It makes local crowded spaces more climate-friendly and actively moderates the albedo effect.

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
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CE marking according to
EN 12273 DSK



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Deutscher Asphaltverband e.V.



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



Member of Fachverband für Bitu-
menemulsionen und Kaltbauweisen
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Specialist company according to WHG

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