



Energy saving B115, Groß Kölzig

Data and facts

Company	PORR Verkehrswegbau GmbH
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Type	Federal highway
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Runtime	07.2022 - 10.2022
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Principal	Landesbetriebs Straßenwesen Brandenburg
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[Project report online](#)

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Energy saving in asphalt paving with low-temperature asphalt

The special feature: The use of low-temperature asphalt in conventional and compact construction saved energy and CO₂. Longitudinal and transverse cracks, ruts and cracking of the asphalt on the federal roads 115 in the south of Brandenburg are now a thing of the past. Between July and September 2022, the Berlin road construction specialists rehabilitated the section of road between the junction in the direction of Groß Kölzig to the Jocksdorf junction in a joint venture. The project was completed on schedule by middle of September 2022.

Sustainability in asphalt road construction

The asphalt was laid using low-temperature asphalts in a conventional and compact construction method with the InLine Pave method.

Here, the paving was carried out in a particularly economical manner. The method increases the longevity of the road with a stable bond between binder and surface course. The use of low-temperature asphalt saves energy and releases fewer emissions. At the same time, it has the same performance as conventional asphalt.

Quality controls and adherence to deadlines

Special procedures are subject to special controls: Aerosol measurements, thermoscans, Troxler measurements and the area-wide dynamic compaction control ensured flawless quality assurance during the construction work on the B115.

Impressions



Image notes

1

B115, Groß Kölzig

The asphalt was paved using low-temperature asphalts in a conventional and compact construction method.

2

B115, Groß Kölzig

Energy and CO₂ were saved by using low-temperature asphalt in a conventional and compact design.

Do you have questions about the project or would you like to learn more? Feel free to contact us for further information.

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