



# Road resurfacing

## A4 Landkreis Bautzen

### Data and facts

Company	PORR Verkehrswegebau GmbH
Type	Highway
Runtime	05.2023 - 09.2023
Principal	Die Autobahn GmbH des Bundes

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# Road resurfacing with durable, fast-curing mastic asphalt

## On-schedule completion under difficult conditions

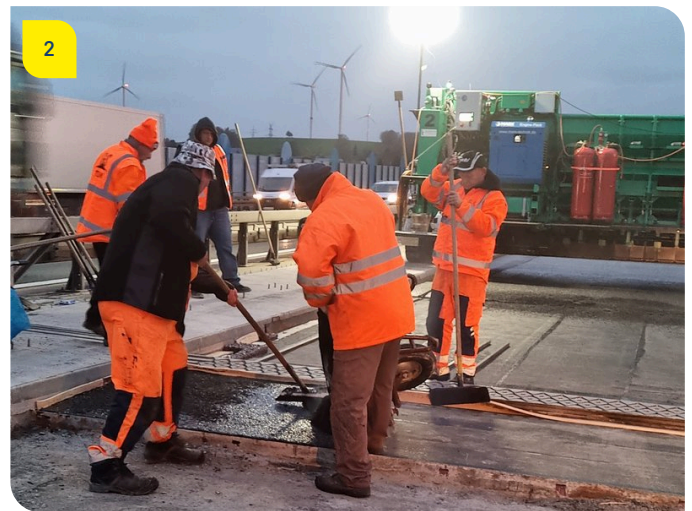
As the mastic asphalt layer was produced using a sprocket screed, 50 cm wide mastic asphalt strips were built in the edge areas before the actual asphaltting work began. Roof battens were used to stabilise the edges. The actual surface course was produced in two phases with widths of 5.4 m and 5.1 m. Due to the self-compacting properties of the viscous material, additional rolling was not necessary.

To improve the skid resistance of the surfaces, a lightly bituminised, crushed aggregate was then spread in accordance with method B of the ZTV asphalt regulations at a composition of 11 kg/m<sup>2</sup> 2/4. Despite the challenging conditions - the paving width from the edge of the carriageway to the safety barrier, including all work areas, was only 7 m - the construction work was completed within a very short time.

## Properties of mastic asphalt bring economic benefits

High-quality durability and watertightness are two of the special properties of mastic asphalt. Due to its impermeability, the material is able to withstand the heaviest traffic loads far longer and better than conventional Rolled asphalt and concrete. In road construction, service lives of over 30 years can be achieved. In addition, water, frost, fire, road salt and pollutants, which lead to material fatigue in other asphalts, cannot harm mastic asphalt. The new road surface on the A4 therefore guarantees the client a high level of cost-effectiveness.

## Impressions



## Image notes

1

[Translate to English:] A4, Landkreis Bautzen

Over a length of 4,310 m and a width of 11.50 m, a surface course of mastic asphalt was laid on the Aachen carriageway.

2

A4, Landkreis Bautzen

High-quality durability and waterproofness are two of the special properties of mastic asphalt.

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

**PORR AG Group Communications**

Absberggasse 47

1100 Wien

T +43 50 626-0

E-Mail: [comms@porr-group.com](mailto:comms@porr-group.com)