Economy meets Ecology Microsurfacing pavements according to latest standards

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Motto: Po asfaltových vozovkách k černým zítřkům









CONTENT

- Cold Asphalt Aplications are sustainable Saving ressources
 Low Carbon Footprint
- Preventive Maintenance is cheap
- Microsurfacing = Thinest Modified layer
- Latest Standards = Quality & Efficiency
- Control3m = material/man/machine

Ecology

Ecology

Ecology

Economy

Economy

Economy

Economy









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Cold Asphalt applications are sustainable



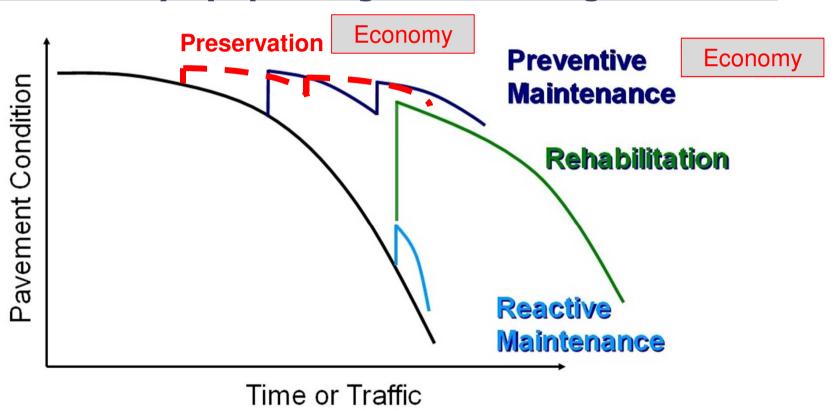
- Saving Resources as
 - Natural Aggregates
 - Bitumen
 - Energy
- Highest Quality of Materials applied on roads surface
 - at the place of maximum impact on the road
- High Impact on roads lifetime
- Lowest Impact on traffic under works
- Low transports resulting in low emissions
- Low Carbon Footprint for the overall technology

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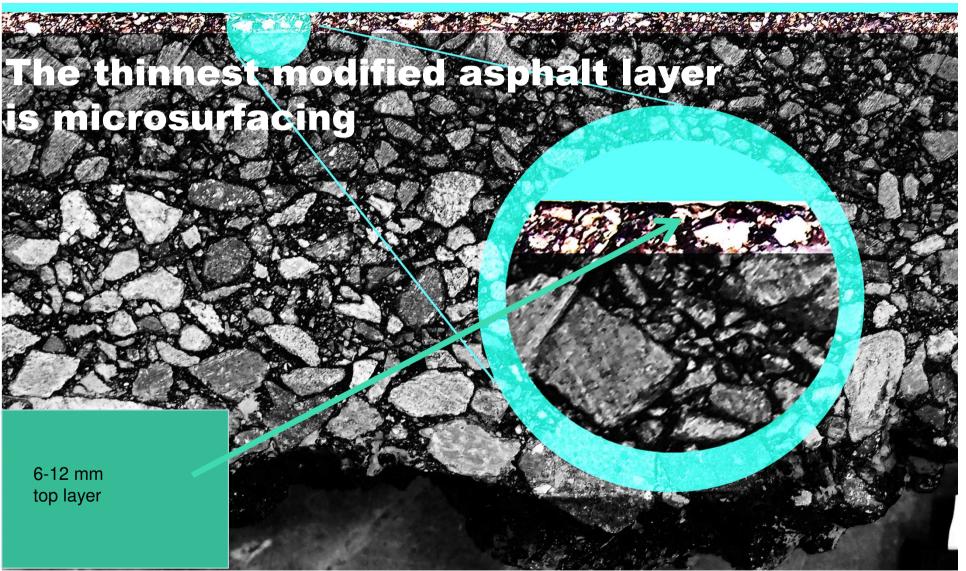
Preventive Maintenance is cheap

Saves money by spending less at the right moment









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Microsurfacing is experienced for 50 years









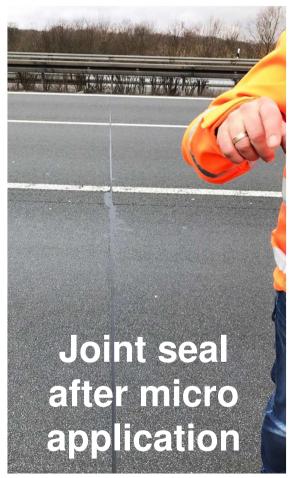




Microsurfacing Lifecycle: A9 – 7 years old







Quality & Efficiency





30 min. $600 \times 3.5 \text{ m} = 2100 \text{ m}2$ After 1-2h open for free traffic flow

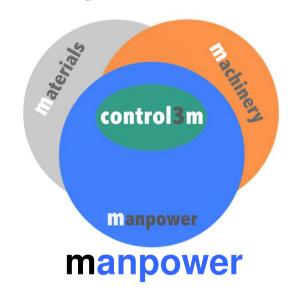
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control3m- material/men/machine



key factors

materials



machinery

Manpower: Trained experts mix and laydown



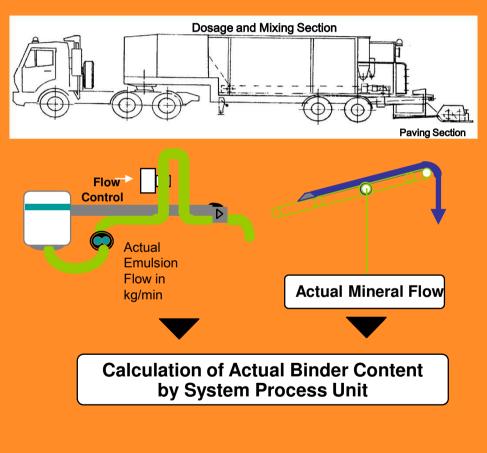




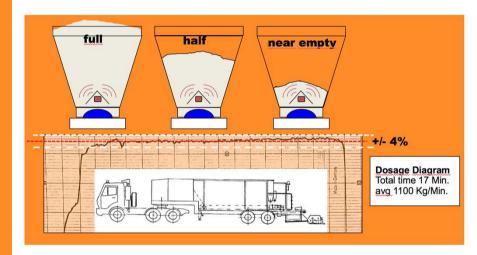
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Machinery: Mixing & Laydown in one mobile unit





Annual calibration Certificate



frequent lab control of the mix





Materials: Qualified Materials

qualified mineral mix & bitumen emulsion



Materials

Mineral

Qualified clean fractions





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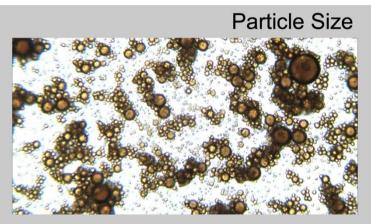
Materials 1: qualified mineral mix

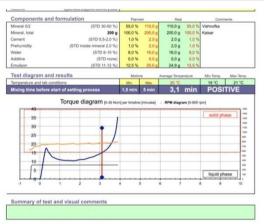




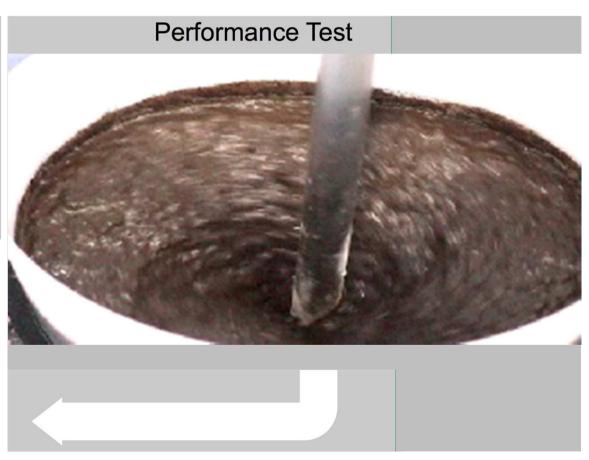
Materials 2: polymer modified bitumen emulsion







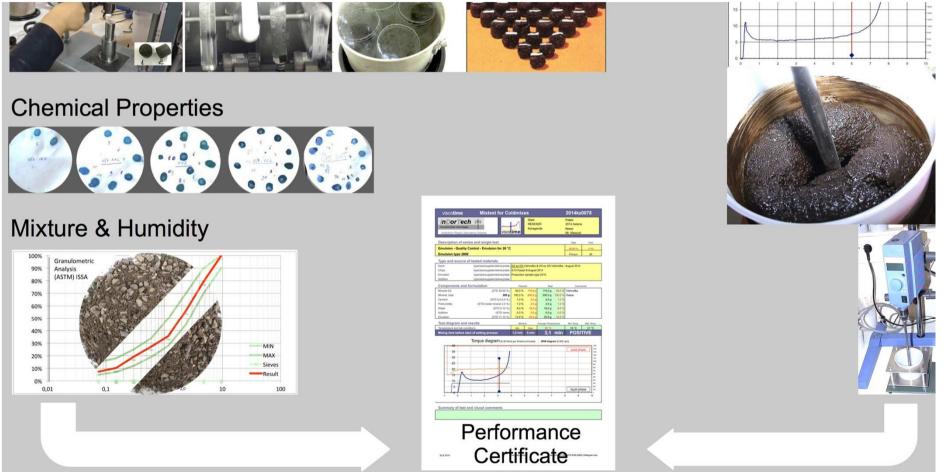
Performance Certificate



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Materials Performance certificate





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Technology

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Nano Bitumen Emulsion Technology



ESHA Strasse GmbH a Joint-Venture of OAT & KUTTER



50 years experience in microsurfacing





