


Surface Dressing - learning from practice



Tankdagen 2023
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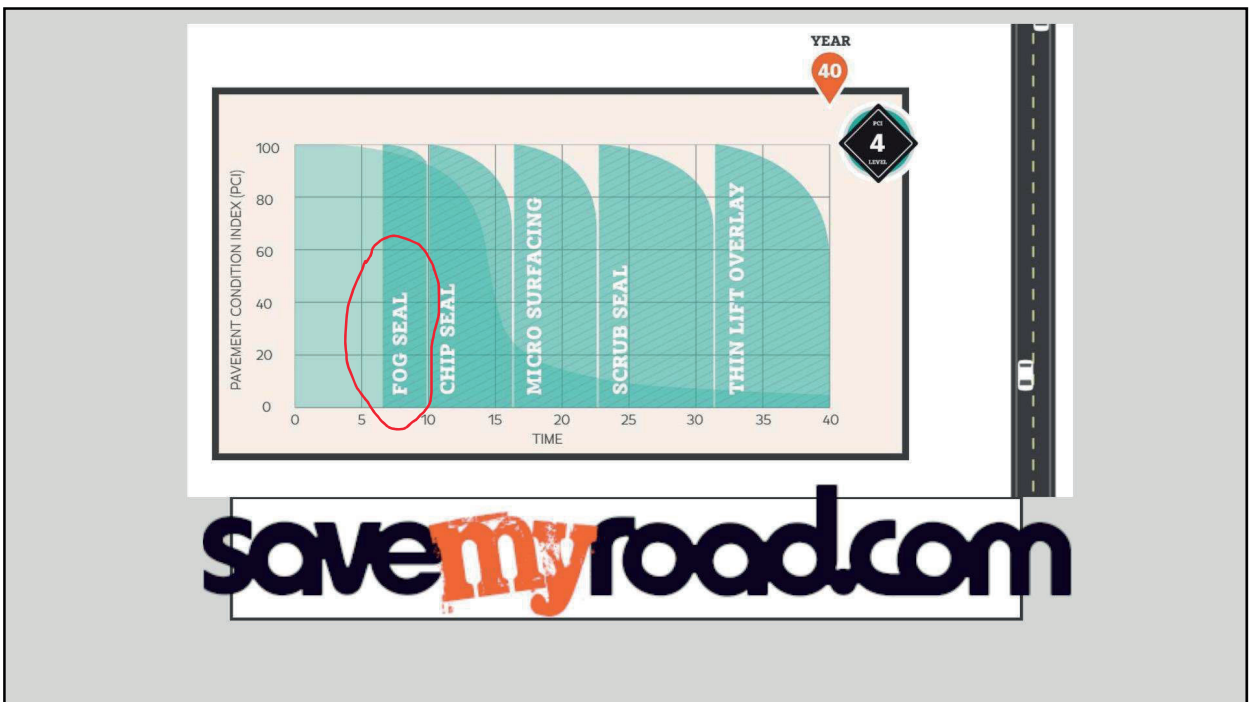


AGENDA:

- ▶ What are the needs from pavement perspective
- ▶ Tehnologies and pavement lifecycle
- ▶ Technologies in closer look
- ▶ Environmental aspect

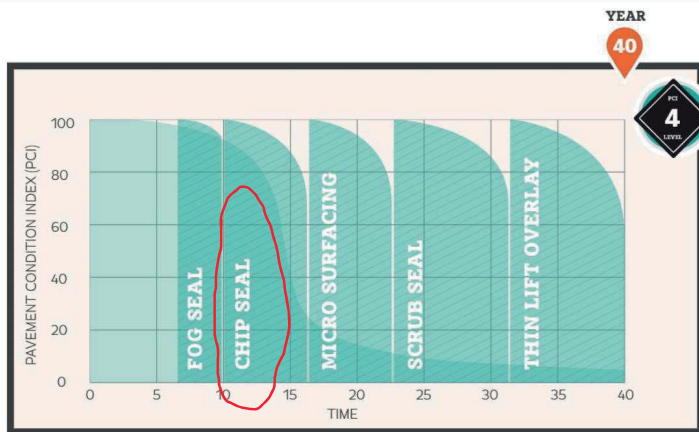
WHAT ARE THE NEEDS?

- ▶ Small particles are separating from the top surface
(dust / air / water)
- ▶ Pavement molecules are oxidizing
(O₂; UV)

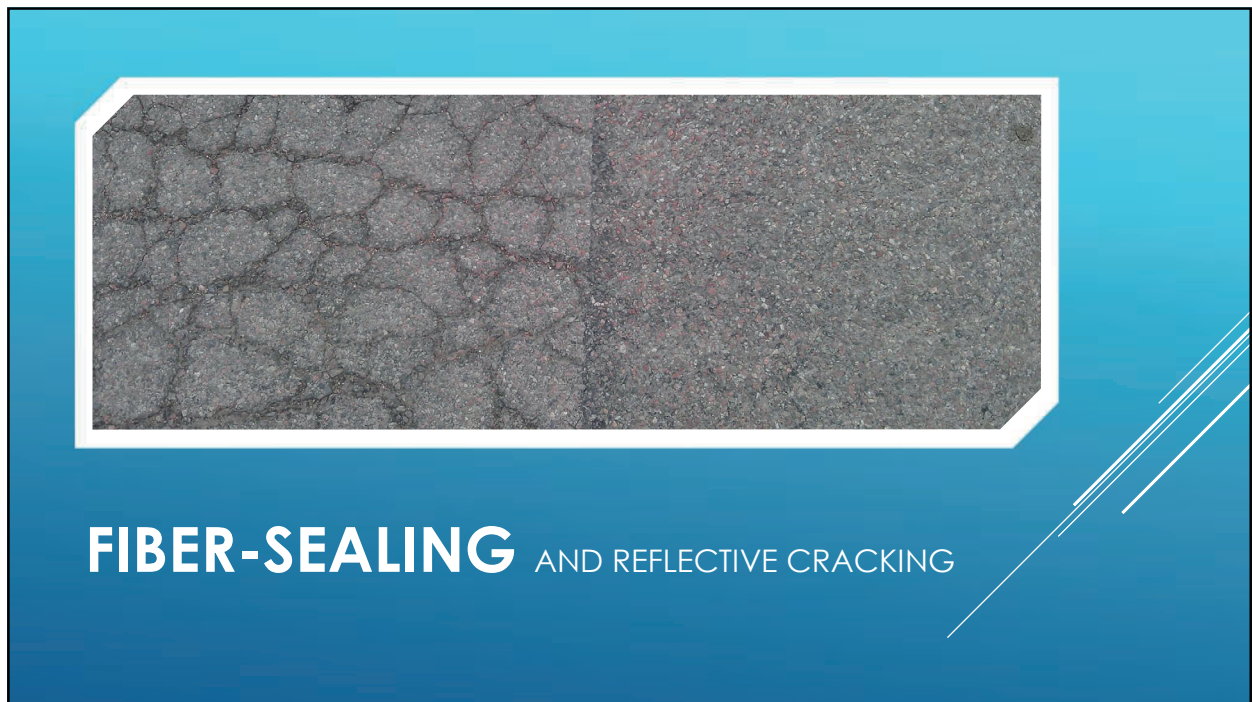
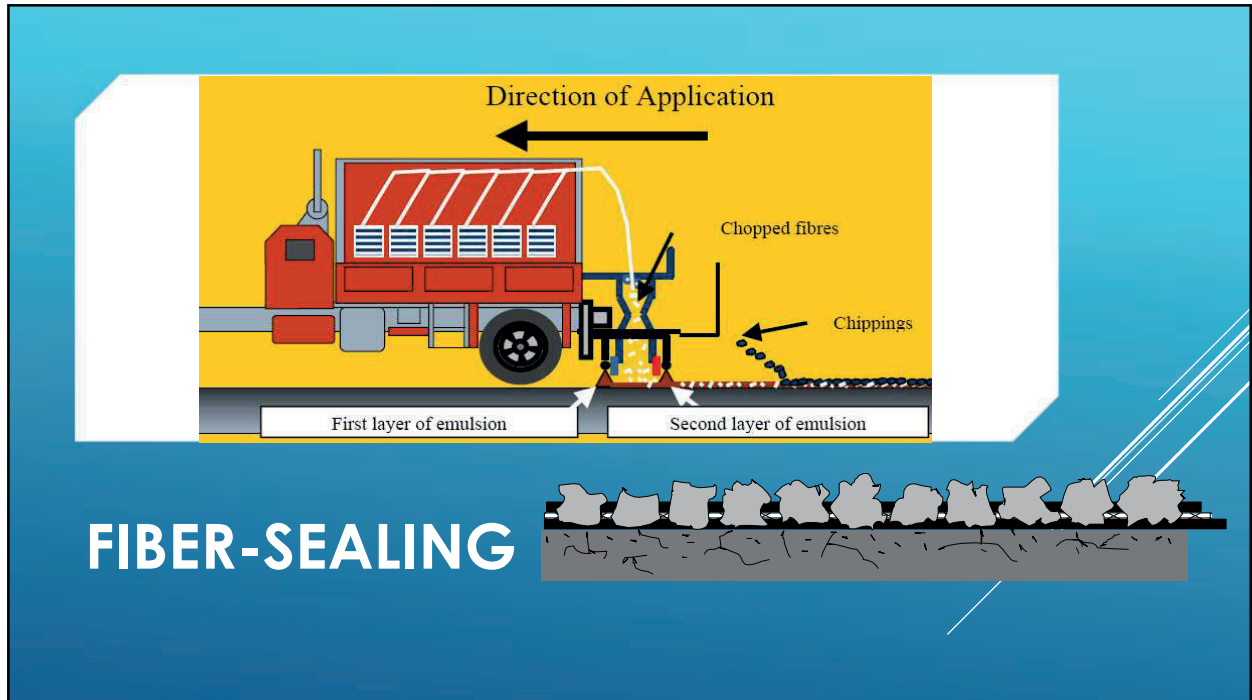




FOG SEAL TECHNOLOGY



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WARRANTY FOR THE SURFACE DRESSING

- ▶ Right dosage
of Binder!



- Surface texture
- Aggregate size
- Traffic
- Surroundings

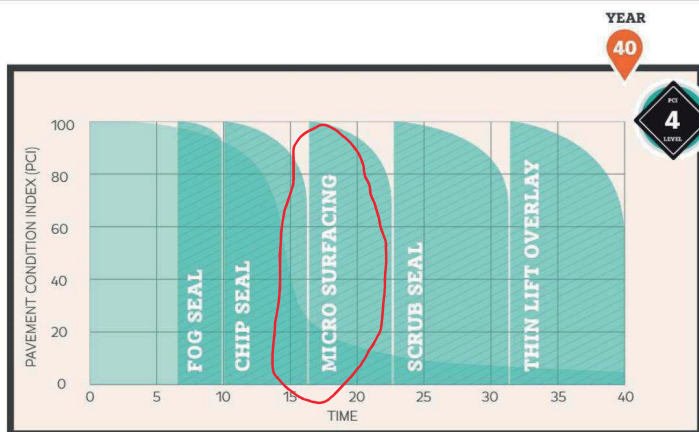
POSITIVE

- ▶ Aggregate coated with bitumen
- ▶ Super fast adhesion (bitumen-bitumen contact)
- ▶ No loose aggregate
- ▶ Restore all traffic conditions on road within an hour

NEGATIVE

- ▶ Complicated to get a coated aggregate
- ▶ More expensive chippings and binder
- ▶ Bitumen is more sensitive to colder weather conditions

SAME-DAY-SEALING



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**MICROSURFACING AND MIX-DESIGN
AND 3 TYPE OF COATING**



The graphic features a central circular logo with a leaf and the text 'KESKONNASÄÄSTLIK TEHNOLOGIA'. To the left of the logo is a circle containing '83%' and 'vähem CO₂'. To the right is a circle containing '63%' and 'väiksem energiakulu'. Below the logo is a photograph of a road construction site with workers in orange safety gear and a paving machine. The background is a solid blue color with white diagonal lines in the bottom right corner.

- ▶ Cold technologies
- ▶ Fast application
- ▶ Big coverage per day – productive
- ▶ Significant technologies to keep Government budget GREEN

ENVIRONMENTAL ASPECT



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Thank you!



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