COLAS SEALING

EXTEND THE SERVICE LIFE OF ASPHALT ON PROVING GROUNDS

Proactive asphalt maintenance reduces lifecycle repair costs

COLAS

WE OPEN THE WAY

Preserve and extend the service life of asphalt pavement

Test tracks impose exceptionally high demands on asphalt performance and surface friction, particularly on high-speed and high-curvature sections.

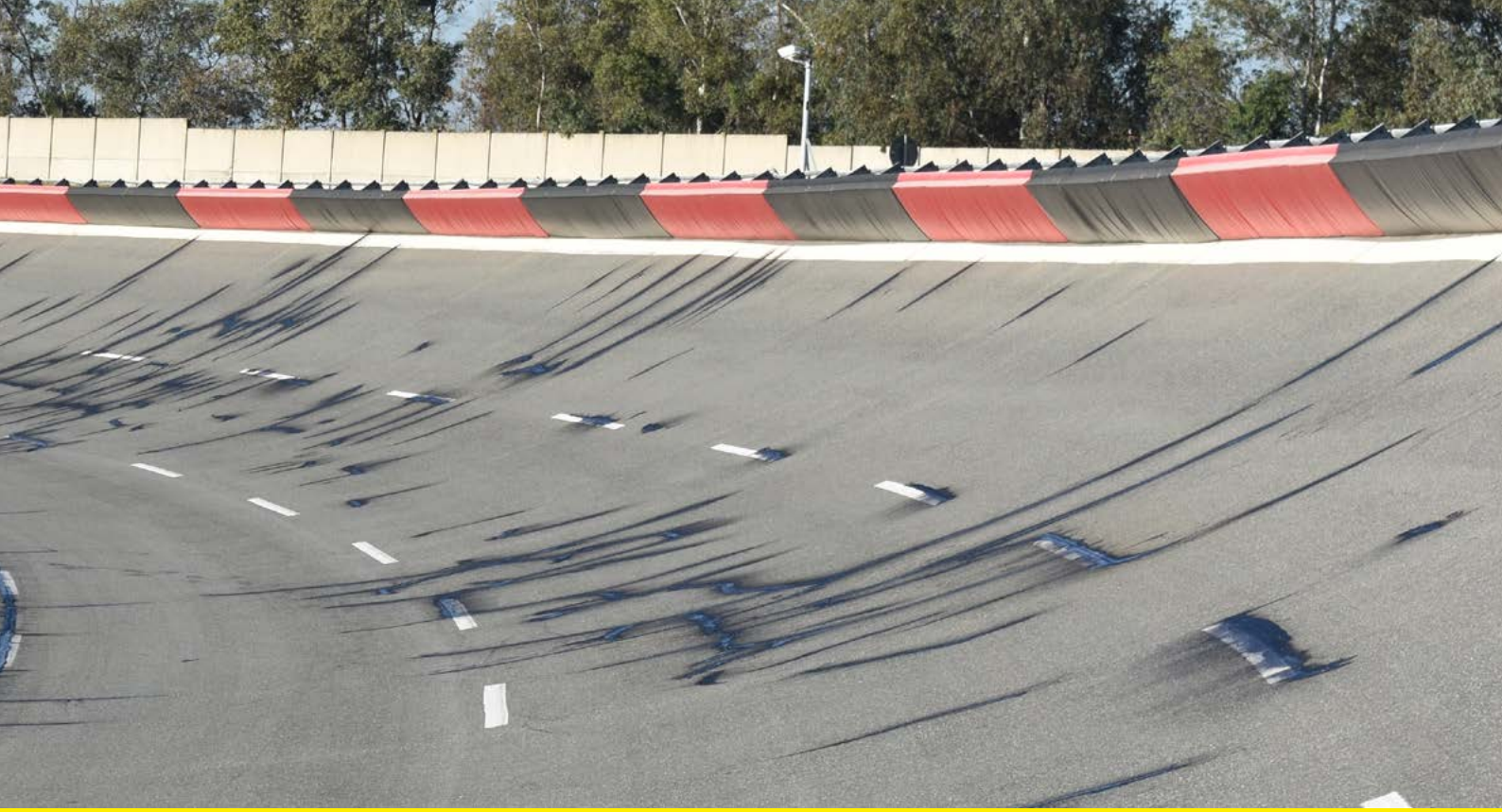
Colas Active Sealing is a preventative maintenance treatment designed to strengthen and rejuvenate asphalt pavements by restoring binder flexibility and preventing mortar and aggregate loss.

The deep-penetrating treatment preserves existing surface friction and slows material degradation, extending asphalt service life by up to 35% through a highly cost-efficient and time-saving process.

Our purpose-built application equipment is engineered to meet the geometric and operational challenges of proving grounds, delivering accurate and reliable application even on demanding track sections.

Backed by our in-depth understanding of operational reliability, scheduling, and safety requirements - and supported by years of experience working with leading test centers such as Mercedes and BMW - we deliver maintenance solutions that minimize disruption while securing long term pavement performance.

Studies show that applying Coals Active Sealing twice instead of a full wearing course replacement can reduce CO_2 emissions by up to 90%, offering a highly sustainable pavement preservation strategy.



Key benefits

- Considerably more cost effective than structural rehabilitation or full replacement
- Extends the service life of asphalt pavements and can be reapplied when needed
- Based on cold-applied, environmentally friendly emulsions
- Time-efficient application using our purpose-built machines for rapid coverage of large asphalt areas
- The sealing mix is adjustable during application, allowing a tailored mix for each project based on asphalt condition and customer requirements.

Colas Danmark A/S
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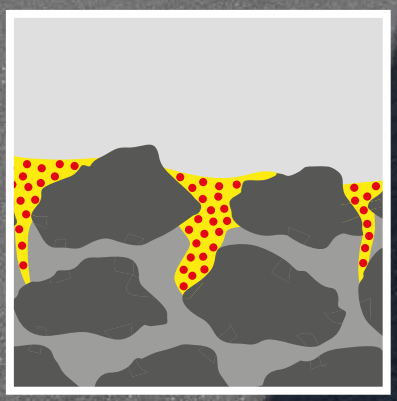
Before the treatment

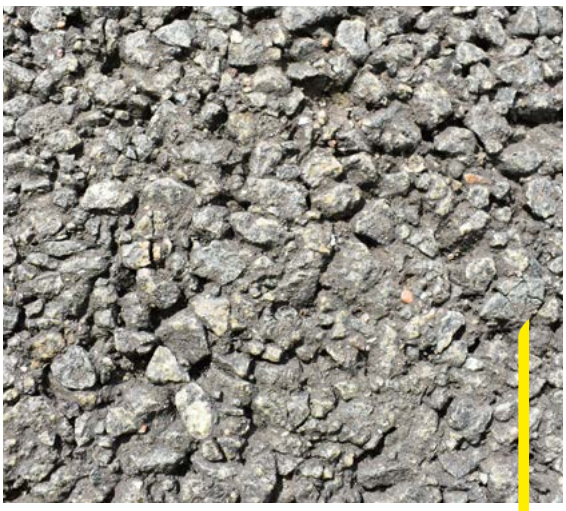


After the treatment

A unique product for asphalt maintenance

Colas Active Sealing is a cold applied bitumen emulsion product consisting of a rejuvenating emulsion and a modified bitumen emulsion mixed with water.

The composition is adjusted during application to suit varying asphalt conditions. After curing (drying), a fine aggregate layer is applied, and the surface is ready for operation shortly after.



Before the treatment

After the treatment

Partnering for tailored and sustainable solutions

We combine experience and expertise with close collaboration, believing that the best solutions emerge through open dialogue. Our teams listen carefully to customer needs and deliver guidance and solutions tailored to individual requirements.

To address the major societal issues associated with sustainable development, Colas has made social responsibility an integral part of our strategy via its ACT project, built around eight pillars. The objective is to anticipate and adapt our activities to the challenges of tomorrow.

ACT & COMMITMENT TOGETHER

- 1: Offer our **customers** and **users** solutions that meet the challenges of **sustainable development** in local communities
- 2: Roll out **low carbon** and **biodiversity** strategies to **preserve the planet**
- 3: Promote **circular economy** solutions
- 4: Reduce the **impact** of our activities to bolster **acceptability**

- 5: **Attract, develop and retain** talent through **managerial excellence**
- 6: Foster a stronger **health and safety culture** to **protect lives**
- 7: Build a **responsible supply chain** rooted in **sustainable performance**
- 8: Shape an **exemplary culture** of **ethics** and **compliance**

Colas Sealing – a business unit within Colas Danmark A/S

Colas Sealing operates across Europe, delivering specialized sealing solutions for airports, test centers, and road infrastructure.

Colas Sealing is a business unit within Colas Danmark A/S, a leading Danish infrastructure contractor, with activities throughout Denmark, Iceland, Greenland, and the Faroe Islands. The company undertakes both main and subcontracting projects within civil works, asphalt, sealing, and aggregates.

Colas Danmark A/S is a member of the Colas Group, fully owned by the Bouygues Group whose mission is to design, build, and maintain mobility infrastructure while contributing to sustainable development.

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