



More power, less energy:
Our all-rounder for sustainable road construction

Colzuphalt®

Colzuphalt®

Your benefits at a glance:

High savings potential for greater efficiency and climate protection

By using our additive Colzuphalt®, the production and processing temperatures of rolled and mastic asphalt can be reduced by up to 30 °C without compromising its quality. This saves energy costs, reduces CO₂ emissions and minimises potential health hazards caused by vapours and aerosols from the bitumen.

Classification of the BAST* for reducing the temperature of asphalt

Long-term testing demonstrates that Colzuphalt® easily withstands heavy traffic loads and weather conditions. This has also convinced the Federal Highway and Transport Research Institute (BAST), which has included Colzuphalt® as the first surface-active additive in its list of approved additives for reducing the temperature of asphalt.

Easy container return helping the environment and the budget

Efficiency meets sustainability: We take back, clean and recycle the 900 kg Colzuphalt® containers. This reduces your disposal costs and protects the environment.

*Federal Highway and Transport Research Institute

Colzuphalt® – Sustainable road construction!

Rising energy and raw material costs as well as stricter labour and climate protection regulations are becoming an existential challenge for more and more companies, both in the construction and renovation of roads.

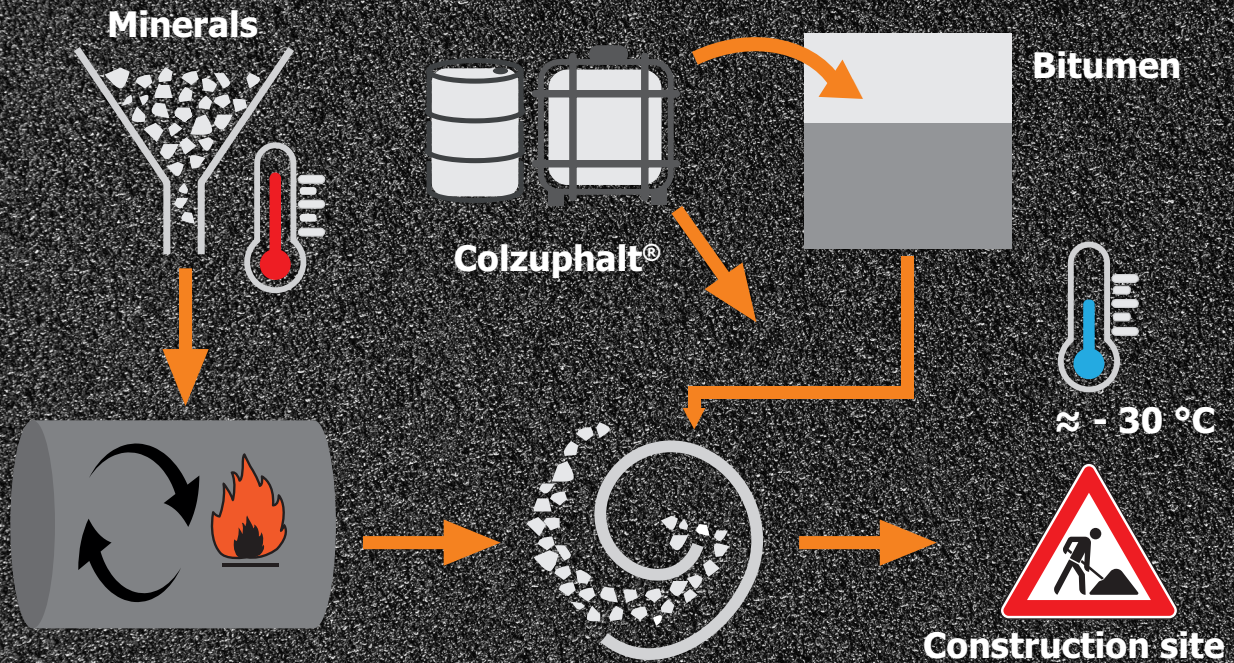
Our solution: With Colzuphalt®, Dortmunder Gußasphalt GmbH & Co. KG offers its customers a proven, high-performance additive with multiple effects, achieving greater efficiency, sustainability and quality in road construction.

All-rounder with high savings potential

Both in the mixing plant or directly on the construction site: Colzuphalt® increases bitumen performance at significantly lower temperatures. The liquid, reactive wetting agent lowers the surface tension of the binder and ensures optimum flow even at reduced heat and a complete enclosure of the aggregates. As a result, the production and processing temperatures of rolled and mastic asphalt are reduced by up to 30 °C.

Less heat means less energy consumption in the mixing plants, which pays off: Energy costs are decreasing noticeably, which is a decisive competitive advantage, especially in times of high prices. At the same time, CO₂ emissions are significantly reduced, making an active contribution to environmental and climate protection, directly from road construction. Health is likewise taken care of: The lower temperatures minimise the vapour and aerosol load from the bitumen and thus reduce potential risks during processing.

How Colzuphalt® works: simple and effective



By using our additive Colzuphalt®, the paving temperature of rolled asphalt can be lowered from approx. 160 °C to approx. 130 °C.

Quality feature: Classification by the BAST

Colzuphalt® sets new standards in road construction: As a surface-active additive for temperature reduction, its usage is convincing due to a very good long-term performance, even under heavy traffic loads and changing weather conditions.

The high durability and quality of Colzuphalt® were officially confirmed in 2017: It was the first surface-active additive to be included in the list of products approved by the Federal Highway and Transport Research Institute (BAST).

Resource-conserving recycling management in road construction

The dga-group likewise focuses on innovation and sustainability when it comes to packaging: As one of the first providers in the industry, we enable our customers to return and recycle 900 kg Colzuphalt® containers in an environment-friendly manner.

What used to involve effort and expense for mixing plants is now taken care of by us: After use, the empty Colzuphalt® containers are collected directly from you, professionally cleaned and then returned to the production cycle, filled and ready for use.

This means that you benefit twice: You save time and disposal costs, and at the same time you are making an active contribution to environmental protection.



**Quality and competence
all about bitumen**

Dortmunder Gußasphalt GmbH & Co. KG

Am Hafenbahnhof 10
44147 Dortmund
Germany

+49 231 395797 - 37
info@dga.de
www.dga.de