



Our Product.

PRODUCT: **eka Recyphalt®**

DESCRIPTION: **eka Recyphalt®** is produced in an energy-efficient manner at around 130 °C and is being applied cold.

Up to 60% recycled asphalt is used, which significantly reduces CO2 emissions and the need for primary raw materials. The binder consists of reactivated bitumen from old asphalt and SBS(styrene-butadiene-styrene), which is obtained from old bitumen sheets.

The special SBS bitumen gives the asphalt high flexibility, elasticity, thermal flexibility, and crack resistance. For this reason, **eka Recyphalt®** remains particularly durable, resistant to aging and weathering, in contrast to conventional repair asphalts.

In the event of renovation, **eka Recyphalt®** can be collected and recycled together with the rest of the road asphalt; separate disposal is not necessary. If required, it can be overlaid with hot asphalt at any time.

In its final state, **eka Recyphalt®** corresponds visually and technically to classic hot asphalt.

The storage period is at least 24 months. Once opened, the container can be stored again without any loss of quality and reused at a later date.

APPLICATIONS: **eka Recyphalt®** is a sustainable and technically mature solution for a wide range of road repairs. The product is suitable for filling potholes, eliminating hazardous areas, core drilling, and all common measures in operational road maintenance. Compliance with legal standards and local regulations must always be observed.

ENVIRONMENT: **eka Recyphalt®** contains neither solvents nor emulsifiers and is therefore assigned to GISCODE group RepA10. This means that the product is environmentally friendly and can be used without hesitation.

Thanks to low-energy production and the use of SBS obtained from recycled roofing bitumen membranes, valuable primary raw materials are conserved.

These properties ensure safe processing without risk to people or the environment, as well as sustainable resource conservation.



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PROCESSING:

eKa Recyphalt® is a single-component repair asphalt mix, available in granulometries AC5, AC8, AC11, and AC16. Coarse-grained mixes (e.g., AC16) are ideal as a base fill for potholes, while fine-grained variants (e.g., AC5) are used for a smooth and precise road surface.

The material can be processed as an all-season product at temperatures ranging from -30 °C to +70 °C, regardless of weather conditions. For optimal processing in winter, frost-free storage in closed rooms is recommended. The material must not be heated or treated with gas burners before processing.

The substrate must be sufficiently solid and cleaned of loose material such as stones or leaves. **eKa Recyphalt®** can also be easily installed on damp substrates and does not require a primer. Before installation, the material should be thoroughly mixed to restore its homogeneous structure and ensure an even grain size distribution on the repaired surface. The material is installed directly from the packaging without adding water. When applying, an overlay of approx. 20% of the existing road surface must be observed in order to ensure the original road level and a level transition.

The following installation depths must be observed:

AC16 (orange bag/cover): min. 4.0 to max. 7.0 cm

AC11 (green bag/cover): min. 2.5 to max. 5.0 cm

AC8 (red bag/cover): min. 2.0 to max. 4.0 cm

AC5 (blue bag/cover): min. 1.5 to max. 3.0 cm

Multiple layers can be combined and installed in layers (e.g., base layer with AC16 or AC11, top layer with AC8 or AC5). The respective minimum and maximum thicknesses must be observed and each individual layer must be carefully compacted.

Compaction is carried out using a hand tamper for smaller areas or heavy vibrating equipment and rollers for larger and more heavily loaded areas such as roundabouts or bus stops, depending on the application.

After compaction, the repaired surface is immediately safe for traffic and does not require any additional surfacing. The subsequent high traffic frequency ensures that **eKa Recyphalt®** hardens even faster.

PACKAGING:

eKa Recyphalt® is available in the following container sizes:

15 kg plastic bag (standard),

15 kg plastic bucket (on request),

20 kg plastic bag (on request), 25 kg plastic bag (on request),

1000 kg big bag (on request)