

Triflex Asphalt Repro 3K



Product information

Applications

Triflex Asphalt Repro 3K is used for durable repairs on roads and pavements. The mortar can be used for filling, bonding and re-profiling asphalt surfaces, e.g. for ruts, potholes and defects. The material can be mixed with a ratio of 1:3 to give it flowable consistency for coating surfaces, or 1:6 to give it a plastic consistency, e.g. for filling potholes.

Properties

3-component, pigmented, fast-curing binder (PMMA). Triflex Asphalt Repro 3K offers the following features:

- High durability
- Mechanically strong and wear-resistant
- Can be driven over quickly
- Flexible application options
- Various layer thicknesses
- Solvent-free
- Crack-bridging (static) up to 0.8 mm
- Resistant to rutting, certified as per TP Asphalt-StB (test specifications for asphalt) part 22
- High wear resistance, tested as per CEN/TS 12697-50 "Darmstädter Rad" test method
- High resistance to deformation as per TP Asphalt-StB part 20
- No measurable water absorption
- High adhesive tensile strength of thin layers, certified as per TP Asphalt-StB part 81
- High layer bond, certified as per TP Asphalt-StB part 80

Pack size

Drum / paper sack

| | | |
|----------------|----------------|---|
| Mix 1:6: | | |
| Summer | Winter | |
| 4.00 kg | 4.00 kg | Triflex Repro R base resin |
| 24.00 kg | 24.00 kg | Triflex Asphalt Repro S powder (2 x 12.00 kg) |
| <u>0.10 kg</u> | <u>0.20 kg</u> | Triflex Catalyst |
| 28.10 kg | 28.20 kg | Triflex Asphalt Repro 3K (mix 1:6) |
| | | |
| Summer | Winter | |
| 8.00 kg | 8.00 kg | Triflex Repro R base resin |
| 48.00 kg | 48.00 kg | Triflex Asphalt Repro S powder (4 x 12.00 kg) |
| <u>0.20 kg</u> | <u>0.40 kg</u> | Triflex Catalyst |
| 56.20 kg | 56.40 kg | Triflex Asphalt Repro 3K (mix 1:6) |



Mix 1:3:

| | | |
|----------------|----------------|---|
| Summer | Winter | |
| 4.00 kg | 4.00 kg | Triflex Repro R base resin or |
| | | Triflex Repro R thix base resin |
| 12.00 kg | 12.00 kg | Triflex Asphalt Repro S powder |
| <u>0.10 kg</u> | <u>0.20 kg</u> | Triflex Catalyst |
| 16.10 kg | 16.20 kg | Triflex Asphalt Repro 3K (mix 1:3) |
| | | |
| Summer | Winter | |
| 8.00 kg | 8.00 kg | Triflex Repro R base resin or |
| | | Triflex Repro R thix base resin |
| 24.00 kg | 24.00 kg | Triflex Asphalt Repro S powder (2 x 12.00 kg) |
| <u>0.20 kg</u> | <u>0.40 kg</u> | Triflex Catalyst |
| 32.20 kg | 32.40 kg | Triflex Asphalt Repro 3K (mix 1:3) |

Colours

7021 Black grey

Storage

Can be stored unopened and unmixed for approx. 12 months in a cool, dry place above 0 °C. Keep container away from direct sunlight when in storage and on the construction site.

Conditions for use

Triflex Asphalt Repro 3K can be applied at substrate and ambient temperatures between 0 °C and +35 °C. In enclosed spaces, always ensure forced ventilation with a minimum 7-fold air exchange per hour.



Product information

Preparation of the substrate

Primer: Triflex Cryl Primer 222 should be used on fresh road surfaces or bituminous surfaces. All substrates must be sound, dry and free of loose or adhesion-reducing particles. Any residual moisture must be removed with a cold air blower. If using a torch, keep it a good distance from the surface. Pretreat metal substrates with Triflex Cleaner, then abrade lightly. Substrate adhesion must be tested on a case-by-case basis.

During application, the surface temperature must be at least 3 °C above dew point. Below that, a separating film of moisture can form on the surface to be worked on (DIN 4108-5, Tab. 1). See dew point table.

Mixing instructions

For use in the 1:6 mix, 24 kg of Triflex Asphalt Repro S powder is mixed into 4 kg of Triflex Repro R base resin with the slow-running mixing machine until there are no more lumps.

For use in the 1:3 mix, 12 kg of Triflex Asphalt Repro S powder is mixed into 4 kg of Triflex Repro R base resin with the slow-running mixing machine until there are no more lumps. It is imperative that the resin be put in first.

The corresponding Triflex Catalyst is then also added into the slow-running mixing machine until there are no more lumps. Stirring time at least 2 min. Make sure that the mixed repair compound is homogeneous. We recommend using a double-paddle mixer. A single-paddle mixer is not adequate for homogeneous mixing results.

Mixing ratio

Temperature range of:

| | |
|------------------|---------------------------------------|
| 0 °C to +15 °C | 4.00 kg base resin + 0.20 kg catalyst |
| +15 °C to +35 °C | 4.00 kg base resin + 0.10 kg catalyst |

Material consumption

Approx. 2.00 kg/m² per mm thickness on a smooth even surface. Coverage rate may vary depending on the nature of the substrate.

Pot life

| | |
|---------------------------|---------------------------|
| Triflex Asphalt Repro 3K: | approx. 10 min. at +20 °C |
| | approx. 15 min. at +5 °C |

| | |
|--------------------------------|---------------------------|
| Triflex Asphalt Repro 3K thix: | approx. 25 min. at +20 °C |
| | approx. 30 min. at +5 °C |

Drying time

| | |
|---|---------------------------|
| Rainproof after: | approx. 45 min. at +20 °C |
| Resistant after / can be steamrolled after: | approx. 60 min. at +20 °C |

Gradients

For gradients greater than 2 %, it is recommended to use Triflex Repro R thix base resin. The mixing ratio with the powder component and the addition of catalyst remain the same. Only the resin component is changed. If you order the thixotropic consistency, you will automatically be supplied with the correct resin component.

Notes on special hazards

See Safety Data Sheet, section 2

Safety tips

See Safety Data Sheet, sections 7 and 8

Measures in case of fire or accidents

See Safety Data Sheet, sections 4, 5 and 6

General notes

We guarantee the consistently high quality of our products. Non-Triflex products must not be used with Triflex systems.

The advice we give in relation to the application of our products is based on extensive development and many years of experience, and is correct to the best of our knowledge. Given the multitude of on-site requirements, under the most varied of conditions, the user is required to test the product's suitability for its respective purpose. Technical information is subject to change without notice in the interests of technical advancement or enhancement of our products.