Marking paint

Triflex EPS

Product information

Applications

Triflex EPS is a thin-layer, closed-textured, Type I and Type II line marking that can be used outdoors, even on damp substrates.

Properties

The low-solvent, 2-component, high-solid paint Triflex EPS has an epoxy (EP) resin base and offers teh following features:

- Withstands mechanical loads
- Tough and durable
- Full-surface adhesion
- Oil- and petrol-resistant
- Alkali-resistant
- Abrasion-resistant
- Free of aromatic hydrocarbons
- BASt-tested (German Federal Highway Research Institute)

System build-up

Triflex Than Primer L 1K – for sealing the concrete substrate and ensuring substrate adhesion.
Triflex EPS – continuous line marking in layer thicknesses of 0.3 to 0.6 mm.
Drop-on materials – according to the relevant BASt test certificate.

Important note:
Triflex EPS may only be used outdoors in combination with the relevant drop-on materials mix.

Certifications and test data

Triflex EPS meets the requirements of the ZTV M 13 (Additional Technical Specifications in Construction Contracts).
Our current test certificates can be found in the download area of our website www.triflex.com under the heading "Markings" or at www.triflex.com/certificates.

Pack size

Drum/metal canister

20.00 kg	Triflex EPS base component
1.00 kg	Triflex EPS hardener component
21.00 kg	

Colours

1023 Traffic yellow
9010 White

Storage

Can be stored unopened and unmixed for approx. 6 months in a cool, dry place above freezing. Keep the container out of direct sunlight, even on the construction site.

Mixing instructions

Mix the base component and add the hardener using a slow-running mixing machine. Stirring time at least 2 min.
Transfer to another receptacle and mix again.

Mixing ratio

The mixing ratio corresponds to the pack size.
20: 1 part by weight/base: Resin: Hardener

Methods of application

Spray application using the airless or compressed air spray method.

Material consumption

Triflex EPS, density approx. 1.60 g/cm³.
Required volume approx. 0.96 kg/m² with a layer thickness of 0.6 mm.

Calculation formula:
Line width (m) x line length (m) x volume (kg/m²) = volume required for area (kg)

Determination of the dry layer thickness:

Thickness of wet film	300 µm	400 µm	600 µm
Dry layer thickness	160 µm	215 µm	322 µm

Pot life

Approx. 12 hrs. at +20 °C

Drying time

According to BASt test certificate approx. 10 to 15 mins. at +20 °C
Can be walked on after: approx. 2 hrs. at +20 °C
Resistant after: approx. 4 hrs. at +20 °C

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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.

Product description

Triflex EPS is a high-solid paint for spray-applied Type I and Type II road markings on damp substrates. The highly resistant system components can even be used in wet conditions. The low-solvent road marking paint may only be used outdoors in combination with our tried-and-tested drop-on materials on main roads, country roads and ring roads. The thin-layer, spray-applied road marking Triflex EPS is oil- and petrol-resistant and is used in inclement weather as well as in cases where other marking material can no longer be applied.

- Good visibility by day or night with the tested drop-on materials
- Mechanical strength
- Full-surface adhesion
- Abrasion-resistant
- Free of aromatic hydrocarbons