

Cold plastic

Triflex Line Cold Plastic



Product information

Product description

Triflex Line Cold Plastic is a solvent-free, 2-component product with a polymethyl methacrylate (PMMA) resin base. It enables type I and type II markings to be applied in the form of closed-finish line marking as well as agglomerates and profiles. Triflex Line Cold Plastic is particularly suitable for roads with high traffic volumes and high requirements for night visibility. Triflex Cold Plastic products are also used in industrial buildings and multi-storey car parks with high requirements for wear-resistance. The Triflex Line products are suitable for bituminous surfaces as well as concrete substrates (with Triflex Than Primer L 1K). They can be applied by machine using an extruder and screed box technique as well as manually using a screed box, smoothing trowel or spreader.



Applications

Triflex Line Cold Plastic is used for type I and type II markings as a closed-finish line, profiled or agglomerate marking.

Properties

The 2-component Triflex Line Cold Plastic, which has a polymethyl methacrylate resin (PMMA) base, offers the following features:

- Withstands mechanical loads
- Fully bonded
- Weather-resistant (UV, IR etc.)
- Alkali-resistant
- Fast-curing
- Elastic
- Cold-applied
- 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 Line Cold Plastic – for closed-textured, agglomerate or profiled markings.
Drop-on material mix – according to the relevant BAST test certificate.

Certifications and test data

White:

- BAST test certificate no. 2020 1DK 09.03 (Line marking / Type II)
- BAST test certificate no. 2020 1DK 09.04 (Line marking / Type II)
- BAST test certificate no. 2020 1DK 10.03 (Irregular agglomerates / Type II)
- BAST test certificate no. 2021 1DK 07.16 (Regular agglomerates / Type II)
- BAST test certificate no. 2021 1DK 09.01 (White undercoat agglomerates / Type II)
- BAST test certificate no. 2021 1DK 10.04 (Refreshing irregular agglomerates / Type II)

Triflex Line Cold Plastic meets the requirements of the ZTV M13 (Additional Technical Specifications in Construction Contracts). Our current test certificates can be found at www.triflex.com/de/bast-pruefzeugnisse

Storage

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

Mixing instructions

Stir the resin component thoroughly, then add the required quantity of catalyst and mix with a slow-running stirrer/mixer until completely free of lumps, and apply immediately. The user can freely select the manufacturer and the type of catalyst (liquid or powder catalyst). Depending on the ambient temperature, add 1 % to 2 % of catalyst.

Methods of application

Smoothing trowel
Hand-push marking machine
Self-propelled marking machine

Material consumption

Triflex Line Cold Plastic, density approx. 1.9 g/cm³

Closed-finish line marking:

Required volume approx. 4.50 kg/m² with a layer thickness of 2.5 mm.

Agglomerate marking:

Volume: approx. 2.20 kg/m².

Profiled marking:

Required volume approx. 6.50 kg/m² with a layer thickness of 3 - 5 mm.

Calculation formula:

line width (m) x line length (m) x volume (kg/m²) = volume required for area (kg)

Pot life

Approx. 5 to 10 mins. at +20 °C

Drying time

Approx. 15 to 20 mins. at +20 °C

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Product overview

Article no.	Article	Packaging	Colour	Storage
22603-910-156	Triflex Line Cold Plastic base resin (NO normal formulation)	18.00 kg metal bucket	9010 Pure white	■
22603-123-140			1023 Traffic yellow	■
22603-313-140			3013 Tomato red	□
22603-320-140			3020 Traffic red	□
22603-517-140			5017 Traffic blue	□
22603-624-140			6024 Traffic green	□
22603-743-140			7043 Traffic grey B	□
22603-905-140			9005 Jet black	□
22601-910-156	Triflex Line Cold Plastic base resin (WI winter formulation)	18.00 kg metal bucket	9010 Pure white	■
22601-123-140			1023 Traffic yellow	■
22601-313-140			3013 Tomato red	□
22601-320-140			3020 Traffic red	□
22601-517-140			5017 Traffic blue	□
22601-624-140			6024 Traffic green	□
22601-743-140			7043 Traffic grey B	□
22601-905-140			9005 Jet black	□
26083-003	Triflex Catalyst (included with supply) Delivery quantity: 1.5 % per kg base resin	0.20 kg PE bag	–	■

Article no.	Article	Packaging	Colour	Storage
22603-910-128	Triflex Line Cold Plastic base resin (NO normal formulation)	28.00 kg metal bucket	9010 Pure white	■
22601-910-128	Triflex Line Cold Plastic base resin (WI winter formulation)	28.00 kg metal bucket	9010 Pure white	■
26083-003	Triflex Catalyst (included with supply) Delivery quantity: 1.5 % per kg base resin	0.20 kg PE bag	–	■

Article no.	Article	Packaging	Colour	Storage
22603-910-031	Triflex Line Cold Plastic base resin (NO normal formulation)	1,700.00 kg disposable IBC	9010 Pure white	□
22601-910-031	Triflex Line Cold Plastic base resin (WI winter formulation)	1,700.00 kg disposable IBC	9010 Pure white	□
26085-007	Triflex Liquid Catalyst C (included with supply) Delivery quantity: 1.5 % per kg base resin	20.00 kg plastic canister	–	■