

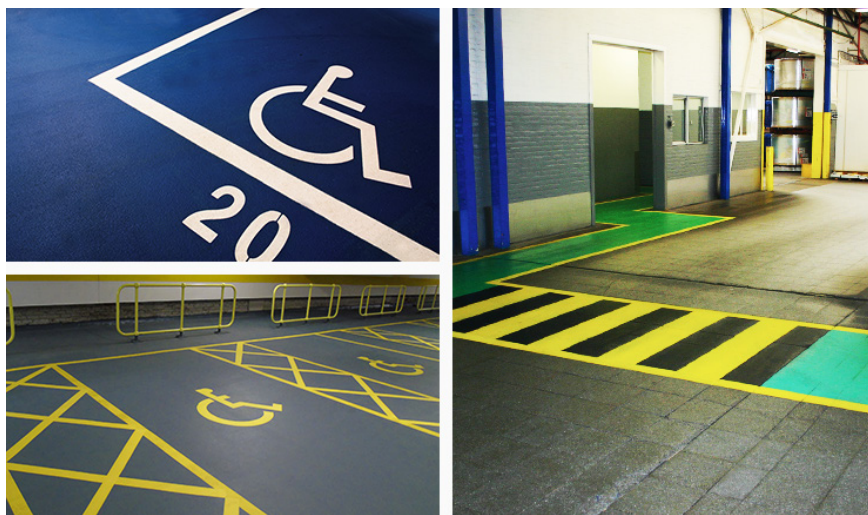


Product overview

Marking system

Triflex Preco Line 300

Triflex Preco Line 300 is a thin layer cold spray or roller applied, fast curing, marking system which offers a number of benefits when compared to traditional chlorinated rubber based solutions. The simple to apply 1 component solution is fully compatible with a wide range of substrates including direct application to asphalt and concrete and can be applied to many existing marking materials. The system is used extensively on car parks and roads and is widely used on airports due to its thin layer application.



System highlights

Toluene and xylene free

Triflex Preco Line 300 is a toluene and xylene free solution, making it more environmentally friendly and safer to apply than many other spray applied marking products, including the majority of chlorinated rubber markings.

Maximum colour and design possibilities

Create a design to meet your safety and aesthetic requirements with a wide range of standard colours and options for bespoke colours - refer to Triflex Preco Line 300 Colour card. The colour range is significantly wider than the traditional white and yellow offered by other materials.

Versatility and compatibility

Triflex Preco Line 300 is fully compatible with a wide range of substrates and often requires no primer.

Totally cold applied

There is no risk from hot works during installation as all Triflex materials are applied in a totally cold liquid form, curing to create a tough, durable solution that lasts.

Rapid curing

Triflex products enable areas to remain open during installation, limiting access restrictions and unnecessary disruption.

Weather resistant

Triflex Preco Line 300 is weather and UV resistant.

Safety

Triflex Preco Line 300 is completely cold applied with no risk from hot works.

BAST approved

Tested and approved by the German Federal Highway Research Institute (BAST)

Application areas

- Car park markings
- Road markings
- Industrial floor markings
- Warehouse markings

Compatible substrates

- Asphalt including Hot Rolled Asphalt (HRA) and Stone Mastic Asphalt (SMA)
- Tarmac / Tarmacadam / Macadam
- Fresh asphalt including HRA and SRA
- Fresh Tarmac / Tarmacadam / Macadam
- Concrete
- Existing markings
- Pavers / brick paviours
- Granite
- Coatings (e.g. polyurethane, polyurea, polymethyl methacrylate, epoxy)
- Metals

Approvals and test data



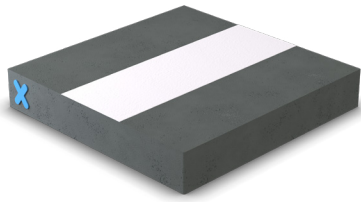
BAST Certification⁽¹⁾ - German Federal Highway Research Institute

2000 1DS 04.06

2000 1DS 04.16

⁽¹⁾ BAST Certification is based on various build-ups and configurations including agglomerates and drop on materials

System build-up and consumptions



Layer	Product	Consumption ⁽¹⁾	Overcoat / traffic ⁽²⁾
Primers (if required)	Triflex Cryl Primer 222 / 287	0.40Kg/m ² min.	45 minutes
	Triflex Than Primer L 1K (Triflex Grund L 1K)	0.20L min.	20 - 30 minutes
	Triflex Metal Primer	0.08 to 0.10L/m.	Approx. 30 minutes using spray can Approx. 60 minutes using roller or brush
Marking	Triflex Cold Plastic (Triflex Preco Line 300)	Refer to Product Data Sheet	15 - 20 minutes

⁽¹⁾ Minimum consumption assuming a smooth, even, non-absorbent substrate.

⁽²⁾ The times stated are based on +20°C – the times will not be significantly extended at low temperatures.



Colour Card

Triflex Preco Line 300

Notes: There may be slight variations in shade between actual colours and those shown below.

RAL colours are approximate.

Special colours can be produced to order.

Colours



1023 Traffic yellow



2009 Traffic orange



3020 Traffic red



3013 Tomato red



5017 Traffic blue



5012 Light blue



4006 Traffic purple



6024 Traffic green



6032 Signal green



7030 Stone grey



7043 Traffic grey



9005 Jet black



9010 Pure white

Find out more at triflex.co.uk



Product data sheet

Triflex Preco Line 300

Use

Thin layer, spray and roller applied marking system.

Properties

- Toluene and xylene free
- Available in a wide range of colours
- Compatible with a wide range of substrates
- Totally cold applied - no hot works
- Rapid single process application
- Fast drying
- Excellent adhesion to substrate
- Weather resistant (UV)
- Alkali resistant
- Highly tested
- BASt approved

Components

Component	Product
Resin	Triflex Preco Line 300

Packaging

Component	Pack size
Resin	Drum: 15.00Kg
	Drum: 38.00Kg

Colour(s)

Refer to the Triflex Preco Line 300 Colour card - other colours available.

Application conditions

Condition	Value
Ambient temperature	+5°C to +35°C
Substrate temperature	+5°C to +45°C
Relative atmospheric humidity	Up to 75%
Dew point	3°C above dew point

Substrate assessment / pretreatment / preparation

Remove existing markings, paint, finishes etc. incompatible with overlay by grinding or blasting, and abrade metals to create a key.

Ensure that the substrate is clean, dry and free from dust, laitance, grease, oil and any other contaminants and assess / pre-treat / prepare substrate in accordance with Triflex Specification.



Compatible substrates / priming

Substrates	Primer required
Asphalt including HRA and SRA	No primer required
Tarmac / Tarmacadam / Macadam	No primer required
Fresh asphalt including HRA and SRA	Triflex Cryl Primer 222
Fresh Tarmac / Tarmacadam / Macadam	Triflex Cryl Primer 222
Concrete / pavers / brick paviours	No primer required (subject to testing) / Triflex Cryl Primer 287 / Triflex Than Primer L 1K
Existing markings	No primer required (subject to testing)
Granite	Triflex Cryl Primer 287 / Triflex Than Primer L 1K
Coatings (e.g. polyurethane, polyurea, polymethyl methacrylate, epoxy)	Subject to testing
Metals	Triflex Metal Primer

Mixing

1. Thoroughly mix the resin in the drum with a slow speed mixer until the resin achieves a uniform consistency;
2. If required, decant a measured weight of resin into a suitable container.

Application method

Airless or compressed air based spray application or roller.

Consumption / density

Consumption approx. 0.44kg/m² at a wet layer thickness of 0.3mm.
Consumption approx. 0.58kg/m² at a wet layer thickness of 0.4mm.

Density: approx. 1.45 g/cm³.

Tool cleaning

Clean tools with Triflex Cleaner.

Storage / shelf life

Store unopened in a cool, dry, well ventilated place above freezing, out of direct sunlight and in the original container.

Shelf life if stored correctly: minimum 12 months.

Drying time (at 20°C)

Approximately 20 - 30 minutes.

Note: Times will be increased at lower temperatures and reduced at higher temperatures.

Health and safety

Refer to Safety Data Sheets.

Disposal information

Refer to Safety Data Sheets for recommended EWC waste codes.

Notes

The advice we provide on the application of our products is based on extensive development work and many years of experience, and is given to the best of our knowledge. The wide variety of requirements for a building under the most diverse conditions mean that it is necessary for the contractor to test the product for suitability in each case. Triflex reserve the right to make alterations in keeping with technical developments or improvements.

Non-Triflex products must not be used with Triflex systems.

Only the most recent version of this data sheet is valid.