



Product overview

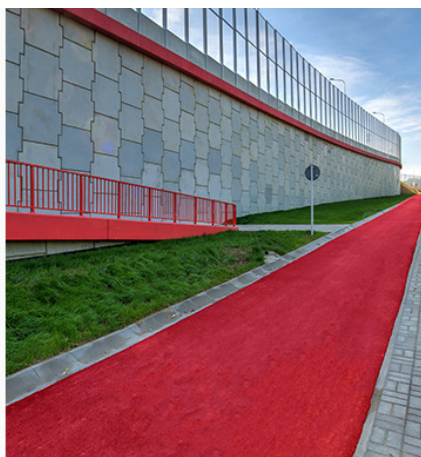
Coating / marking system

Triflex Roll Plastic

Triflex Preco Cryl Rollplastik

Triflex Roll Plastic is a cold liquid applied, exceptionally fast curing, coloured, anti-skid coating and marking system. The system can be used to add a coloured, anti-skid surfacing finish to external car parking areas, recreational areas, walkways and cycle lanes as well for roller applied line markings on car parks. The 2 component system is easy to apply and contains no solvents or isocyanates. Being totally cold applied, no hot works are required throughout the installation removing health and safety risks usually associated with hot applied thermoplastic and other solutions.

Triflex Roll Plastic is based on the most advanced PMMA resin technology and is compatible with a wide range of substrates. It rapidly cures even at very low temperatures making it the ideal solution all year round for shopping centres, retail parks, airports, offices, recreational areas and cycle lanes, which require a solution that can be installed quickly with minimal disruption.



System highlights

Maximum colour and design possibilities

Create a design to meet your safety and aesthetic requirements with a wide range of standard colours - refer to Triflex Roll Plastic Colour card.

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.

High levels of anti-skid

The high level of skid resistance makes this product the ideal solution for pedestrian walkways, footpaths and cycle lanes.

Single process application

Installation time and costs are significantly reduced when compared to multi-coat and broadcast systems.

Ultra rapid curing

Triflex PMMA products are exceptionally fast curing and enable areas to remain open during installation, limiting access restrictions and unnecessary disruptions. Installation can be carried out all year round and the system still cures quickly at temperatures down to 0°C.

Tough and durable

Triflex Roll Plastic is tough and durable, is unaffected by ponding water and is resistant to road salts, petrol, diesel, brake fluid, engine oil, battery acid, de-icing and approved cleaning products.

Weather resistant

Triflex Roll Plastic is weather, UV and IR resistant and will not break down when exposed for the long term to direct sunlight.

Safety

Triflex Roll Plastic does not contain solvents or isocyanates and poses no fire risk during installation.

Application areas

- Parking bay coatings
- Parking bay lines
- Car park walkways
- Parent and toddler bay coating
- Disabled bay coating
- Drop off areas
- Ghost aisles
- Blacking out (covering existing markings)
- Trolley coral coating
- Parking zone coating
- Demarcation
- Corporate branding / logos
- Rail platform markings
- Bridge and other walkways
- Cycle lanes / ways / routes

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

Test data

PTV Values

PTV (no drop on / wet) TRRL	Approx. 68*
PTV (no drop on / wet) 4S	Approx. 62*

*PTV of 36+ is a low risk according to HSE guidelines

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 / coating	Triflex Roll Plastic (Triflex Preco Cryl Rollplastik)	2.00Kg/m ² min.	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 Roll Plastic

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



3009 Oxide red



3015 Light pink



9010 Pure white



7030 Stone grey



7035 Light grey



7043 Traffic grey



9005 Jet black



5010 Gentian blue



5017 Traffic blue



5012 Light blue



5015 Sky blue



6005 Moss green



6010 Green grass



6024 Traffic green



6018 Yellow green

Find out more at triflex.co.uk



Product data sheet

Triflex Roll Plastic (Rollplastik)

Use

Anti-skid coating and marking system.

Properties

- Available in a wide range of colours
- Anti-skid
- Compatible with a wide range of substrates
- Totally cold applied - no hot works
- Excellent adhesion to substrate
- Rapid single process application
- Exceptionally fast curing even at low temperatures
- Tough and durable
- Flexible
- Resistant to de-icing salts, petrol, engine oil, battery acid and brake fluid
- Weather resistant (UV, IR etc.)
- Solvent and isocyanate free

Components

Component	Product
Resin	Triflex Roll Plastic (Triflex Preco Cryl Rollplastik)
Catalyst	Triflex Catalyst

Packaging

Component	Pack size
Resin	Drum: 18.00Kg
	Bag: 0.10Kg
Catalyst	Bag: 10.00Kg
	Bag: 25.00Kg

Colour(s)

Refer to the Triflex Roll Plastic Colour card - other colours available.

Application conditions

Condition	Value
Ambient and substrate temperature	+0°C to +35°C
Relative atmospheric humidity	Up to 95%
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 pavements	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

Initial resin mixing / decanting

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.

Mixing

Temperature	0°C to +15°C	+15°C to +35°C
Catalyst to resin %	2%	1%
Catalyst per 18.00Kg drum of resin	0.40Kg	0.20Kg

1. Measure the appropriate weight of catalyst for the weight of resin and the temperature;
2. Add the catalyst to the pre-mixed / decanted resin;
3. Thoroughly mix the resin and catalyst using a slow speed mixer for a minimum 2 minutes until the catalyst has been evenly distributed and leave for a minimum of 1 minute to allow the catalyst to fully dissolve;
4. Re-mix and use the mixed material within the pot life.

Application method

Roller or squeegee followed by roller.

Consumption / density

Consumption: 2.00 Kg/m² min.
Density: approx. 1.70 g/cm³

Note: Consumption based on smooth, even, non-absorbent substrate.

Pot life at 20°C

Approximately 5 - 10 minutes.

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

Curing time at 20°C

Approximately 15 - 20 minutes.

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

Interruptions during works

Triflex Cleaner to clean and reactivate the transition area. Overlay after Triflex Cleaner has evaporated and a minimum 20 minutes / maximum 60 minutes after application.

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.

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.