Product data sheet

# Triflex Friction Plastic (Reibeplastik)

## Use

Heavy duty, thick layer, textured marking and coating system.

## Properties

- Tough and durable
- Highly tested and proven in use
- Withstands high mechanical loads
- Suitable for car and HGV traffic
- Very high levels of anti-skid
- Available in a wide range of colours
- Compatible with a wide range of substrates
- Totally cold liquid applied - no hot works
- Excellent adhesion to substrate
- Rapid single process application
- Exceptionally fast curing even at low temperatures
- Resistant to de-icing salts, petrol, engine oil, battery acid and brake fluid
- Weather resistant (UV, IR etc.)
- Solvent and isocyanate free
- BASt approved

## Components

| Component | Product |
|---|---|
| Resin | Triflex Friction Plastic (Triflex Preco Cryl Reibeplastik) |
| Catalyst | Triflex Catalyst |

## Packaging

| Component | Pack size |
|---|---|
| Resin | Drum: 18.00Kg |
| Catalyst | Bag: 0.10Kg (100g) |
| | Bag: 10.00Kg |
| | Bag: 25.00Kg |

## Colour(s)

Refer to the Triflex Friction 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 paviours | 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 (400g) | 0.20Kg (200g) |

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

Shoe / draw box / mould / hand guided machine / automated 2K extruder / trowel with masking.

## Consumption / density

Consumption: 4.00 Kg/$m^2$ min.
Density: approx. 1.90 g/$m^3$.

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


Triflex (UK) Ltd. | Whitebridge Way | Stone | Staffordshire | ST15 8JS | 01785 819119 | info@triflex.co.uk

## 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.


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Colour Card

# Triflex Friction 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


1002 Sand yellow


1023 Traffic yellow


2009 Traffic orange


3020 Traffic red


3013 Tomato red


3009 Oxide red


4006 Traffic purple


9010 Pure white


7035 Light grey


7044 Silk grey


7030 Stone grey


7037 Dusty grey


7043 Traffic grey


9005 Jet black


6002 Leaf green


6024 Traffic green


6018 Yellow green


5017 Traffic blue


5012 Light blue


5015 Sky blue

Find out more at triflex.co.uk



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