Product overview

Marking system

Triflex Preco Line 300

Triflex Preco Line 300 is a thin layer 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 pavours
- Granite
- Coatings (e.g. polyurethane, polyurea, polymethyl methacrylate, epoxy)
- Metals

Approvals and test data

BASt Certification

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

<table>
<thead>
<tr>
<th>Layer</th>
<th>Product</th>
<th>Consumption (1)</th>
<th>Overcoat / traffic (2)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Primers (if required)</td>
<td>Triflex Cryl Primer 222 / 287</td>
<td>0.40Kg/m² min.</td>
<td>45 minutes</td>
</tr>
<tr>
<td></td>
<td>Triflex Than Primer L 1K (Triflex Grund L 1K)</td>
<td>0.20L min.</td>
<td>20 - 30 minutes</td>
</tr>
<tr>
<td></td>
<td>Triflex Metal Primer</td>
<td>0.08 to 0.10L/m.</td>
<td>Approx. 30 minutes using spray can Approx. 60 minutes using roller or brush</td>
</tr>
<tr>
<td>Marking</td>
<td>Triflex Cold Plastic (Triflex Preco Line 300)</td>
<td>Refer to Product Data Sheet</td>
<td>15 - 20 minutes</td>
</tr>
</tbody>
</table>

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.

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**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
- 9810 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 curing
- Excellent adhesion to substrate
- Weather resistant (UV)
- Alkali resistant
- Highly tested
- BASt approved

Components

<table>
<thead>
<tr>
<th>Component</th>
<th>Product</th>
</tr>
</thead>
<tbody>
<tr>
<td>Resin</td>
<td>Triflex Preco Line 300</td>
</tr>
</tbody>
</table>

Packaging

<table>
<thead>
<tr>
<th>Component</th>
<th>Pack size</th>
</tr>
</thead>
<tbody>
<tr>
<td>Resin</td>
<td>Drum: 15.00Kg</td>
</tr>
<tr>
<td></td>
<td>Drum: 38.00Kg</td>
</tr>
</tbody>
</table>

Colour(s)
Refer to the Triflex Preco Line 300 Colour card - other colours available

Application conditions

<table>
<thead>
<tr>
<th>Condition</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ambient and substrate temperature</td>
<td>+5°C to +35°C</td>
</tr>
<tr>
<td>Relative atmospheric humidity</td>
<td>Up to 80%</td>
</tr>
<tr>
<td>Dew point</td>
<td>3°C above dew point</td>
</tr>
</tbody>
</table>

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

<table>
<thead>
<tr>
<th>Substrates</th>
<th>Primer required</th>
</tr>
</thead>
<tbody>
<tr>
<td>Asphalt including HRA and SRA</td>
<td>No primer required</td>
</tr>
<tr>
<td>Tarmac / Tarmacadum / Macadam</td>
<td>No primer required</td>
</tr>
<tr>
<td>Fresh asphalt including HRA and SRA</td>
<td>Triflex Cryl Primer 222</td>
</tr>
<tr>
<td>Fresh Tarmac / Tarmacadum / Macadam</td>
<td>Triflex Cryl Primer 222</td>
</tr>
<tr>
<td>Concrete / pavers / brick pavions</td>
<td>No primer required (subject to testing) / Triflex Cryl Primer 287 / Triflex Than Primer L 1K</td>
</tr>
<tr>
<td>Granite</td>
<td>No primer required (subject to testing)</td>
</tr>
<tr>
<td>Coatings (e.g. polyurethane, polyurea, polymethyl methacrylate, epoxy)</td>
<td>Subject to testing</td>
</tr>
<tr>
<td>Metals</td>
<td>Triflex Metal Primer</td>
</tr>
</tbody>
</table>

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 layer thickness of 0.3mm.
Consumption approx. 0.58kg/m² at a 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.
**Curing time (at 20°C)**
Approximately 20 - 30 minutes.

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