

Dr. Fixit TraxTite

Cold Plastic Road Marking Paint Set

Description

Dr.Fixit TraxTite is a cold plastic for road marking paint apply by spray, roll or screed on surface such as concrete or asphaltic surfaces.

Dr.Fixit TraxTite is a cold plastic viscous material make from the following two components;

Part A Main ingredients consist of MMA aka Methyl Methacrylate Resin & other ingredients such as powder colour glass beads.

Part B Hardener consists of peroxide ingredients such as benzoyl peroxide & other peroxides.

Reacts chemically, apply with suitable road marking equipment. For light reflection features mix or sprinkle glass beads with **Dr.Fixit TraxTite**.

Certification

TIS.2611-2556

Department of Highways Standards (Thailand)

Areas of Application

- Road marking paint for bike lane, motorcycle lane, disable parking, lady only parking.
- Road marking paint for road traffic symbols such as arrows & warning symbols.

Features & Benefits

- Cold Plastic Paint manufacture at TIS.2611 road marking standards.
- Cures fast, can immediately open to traffic after 7 to 15 minutes curing of apply 2 part mix.
- Consistent colour, sunlight resistant, paint will not peel off, alkaline resistant.
- Skid resistance meeting EN 1436 Road Marking Materials – Road marking performance for road users standards.
- Abrasion resistant meeting EN 13197 Road Marking Materials – Wear simulator turntable standards.
- Resistant to oil stains & chemicals, can adhere well to concrete & bitumen (Asphaltic concrete) surfaces.

Method of Application

1. Surface Preparations

- All concrete asphaltic surfaces must be clean, strong, free of all loose dirty materials, and dust free, oil stain, wax, liquid coating/paint, concrete curing agent, grease or other stains that would affect adhesion.
- Wait for fresh concrete & bitumen surface to cure for 28 days.
- For defect surface area, remove & fix defect area to make smooth sound surface, wait 7 days to cure, free of moisture.
- Moisture level must not exceed 10%.
- Old surface cover in old peeled off paint or loose materials remove all loose materials.

2. Priming

- Concrete surface prime with **Dr.Fixit Trax Tite Primer** for improve adhesion and cover concrete surface defects, leave to dry at least 4 hours (coverage depends surface condition).

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3. Mixing

- Apply low speed mixer on Resin Part A until homogeneous mixture is obtained for 1-2 minutes.
- Slowly add hardener Part B into Part A container & stir with high speed mixer for 15 to 30 seconds.
- After mixing, expected pot life 5 minutes (depending on temperature, weather & surface conditions)
- Part B (Hardener) Ratio is recommended as the table below.

Application Temp	BPO catalyst (% by wt.)	Pot Life (min)	Hardening Time (min)
40°F (9°C)	7.0	15	60
50°F (9°C)	5.0	12-16	45-50
60°F (16°C)	3.0	15-20	45-50
70°F (21°C)	2.0	15-20	45-50
80°F (27°C)	1.5	20-25	45-50
90°F (32°C)	1.0	5-10	30-35

4. Application

- After mixing pour on prepare surface.
- Apply a metal screed/rake to screed/rake with **Dr.Fixit TraxTite** to form a smooth homogenous surface of 1 to 3mm thickness all over prepare surface. Immediately roll with needle roller on screed/rake surface.
- Can immediately sprinkle glass beads, apply with road marking paint after rolled surface.
- Wait to cure 7 to 15 minutes prior to immediately opening to traffic.

5. Precautions & Limitations

- Surface must be completely dry with moisture level at <10%.
- Working temperature 10 to 45°C.
- Do not apply under direct sunlight & hot weather conditions such as in the morning as it can cause products to harden too rapidly.
- Do not add water or paint thinner into **Dr.Fixit TraxTite**
- Do not coat Zefiti kwik AS, Bike Lane TR or Multiclor on Traxtite. But can coat traffic paint with Dr.Fixit Zefiti Kwik on Traxtite.

6. Cleaning

- Clean all tools and equipment with paint thinner immediately after use.

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Technical Information

Properties	Test Standard Methods	Results
Appearances	-	Colour Liquid
Pot Life	-	5 minutes
Drying Time for paint not to stick to tyre	TIS 2611-2556	7-15 minutes
Skid Resistant	EN 1436	SRT 80
Abrasion Resistant	EN 13197	<10%

Drying and Curing time

Substrate temperature	10 °C	25 °C	30 °C	40 °C
Surface (touch) dry, hrs.	0,30	0,15	0,12	0,10
Dry to over coat, minimum, hrs.	1,30	0,45	0,30	0,25
Dried/cured for service, hrs.	2	1	0,45	0,30
Thickness Recommend, mm.				
At least	1 mm.			
At most	2 mm.			

Drying and curing times are determined under controlled temperatures and relative humidity below 60%, and at average of the DFT range for the product.

Surface (touch) dry: The state of drying when slight pressure with a finger does not leave an imprint or reveal tackiness.

Dry to over coat, minimum: The recommended shortest time before the next coat can be applied.

Dried/cured for service: Minimum time before the coating can be permanently exposed to the intended environment/medium.

Induction time and Pot life

Paint temperature	25 °C
Induction time,	1 min
Pot life,	8 mins

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Coverage

- Approx.. 1-2 kg/sqm. (dry film thickness 1-2mm)

Packaging

- **Dr.Fixit TraxTite** set includes;
 - Part A (Resin) 4kg, 16kg, 20kg bag
 - Part B (Hardener) 40g, 160g, 200g bag
- 6 colours; white, yellow, red, green, dark blue, black

Storage

- Store 6 months in sealed dry container kept away from direct sun light under 5 to 30°C temperature.

Health & Safety Precautions

- Is easy to ignite keep away from flames.
- Is toxic, avoid inhaling, eating & skin contact.
- When not using **Dr.Fixit TraxTite** should immediately close package lid securely, do not use packaging to keep food.
- Wear respirator, google, protective clothing during application, keep away from children.

Disclaimer

The product information and the recommendations relating to the application and end-use of Dr.Fixit products, are based on Dr.Fixit's current knowledge and experience of the products when properly stored, handled and applied under normal conditions in accordance with Dr.Fixit's recommendations. In practice, the differences in materials, substrates and actual site conditions are such that no warranty in respect of merchantability or of fitness for a particular purpose, nor any liability arising out of any legal relationship whatsoever, can be inferred either from this information, or from any written recommendations, or from any other advice offered. The user of the product must test the product's suitability for the intended application and purpose. Dr.Fixit reserves the right to change the properties of its products without notice, so the company does not assume liability of any legal from this product information.



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