

Dr.Fixit TraxTite Anti-Skid Set

Cold Plastic Traffic Anti-Skid Paint Set

Description

Dr.Fixit TraxTite Anti-Skid Set is a cold plastic traffic anti-skid paint set roll or screed on surface of path. Apply for reduce skidding accident particular from path becoming slippery from rain. Areas of applications include curve, crossroad, slope and overpass; apply on both old/new concrete & asphaltic surfaces. Consistent colour, sunlight resistant, paint will not peel off, alkaline resistant. This one is resistant to oil stains & chemicals, can adhere well to concrete & bitumen (Asphaltic concrete) surfaces. Dr.Fixit TraxTite Anti-Skid Set cures fast and can immediately open to traffic 7 to 15 minutes.

Dr.Fixit TraxTite Anti-Skid Set is a cold plastic viscous material make from the following three components;

Part A Resin consist of Methyl Methacrylate Resin (MMA) & other ingredients such as pigment, glass beads.

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

Part C Fine Aggregate comes in 1-3mm grain size, is ingredient for mixing with cold plastic. Apply by mixing thoroughly with parts prior to application or sprinkle during application. Sprinkle amount at least 30% of **Dr.Fixit TraxTite Anti-Skid Set** total product parts weight apply.

Certification

- TIS 2611-2556
- Department of Highways Standards (Thailand)
- 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.

Areas of Application

- High prone traffic accident areas with can easily get slippery such as downslope, curve, crossroad, zebra crossing, bridge’s curve ramp, motorway, train crossing.

Rate of uses

	Rate of uses			m ² /set 23.24 kg
	Kg/m ²			
	Standard	At least	At most	
1 Coat	2.9	2.1	4	8

Thickness

Thickness			
	Standard	At least	At most
Coat	2	1.5	3

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Method of Application

1. Surface Preparation

- 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 Denzi Block** for improve adhesion and cover concrete surface defects, leave to dry at least 2 hours (coverage depends surface condition).

3. Pour Mix Method of Application

3.1 Pour Mix Application Mixing

- Apply low speed mixer on Part A (Resin) until homogeneous mix is obtain for 1-2 minutes
- Pour 7 kg Part C (Fine Aggregate) into 16kg Part A (Resin) container & stir with high speed mixer for 1-2 minutes
- Afterwards prepare 240g Part B (Hardener) to add into mix & stir with high speed mixer for 15-30 minutes Part B ratio depends on depending on air and surface temperatures, recommend Part B ratio 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)	1.0	20 - 25	45 - 50
90°F 32°C)	1.0	5-10	30 - 35

- After mixing apply mix within 5 minutes (depending on air and surface temperatures)

3.2 Pour Mix Application

- After thoroughly mixing of **Dr.Fixit TraxTite Anti-Skid Set** mix, pour on prepare surface immediately
- Spread with toothed squeegee or pin rake to a depth of 1.9-2.1 mm on all over prepare area
- Apply with thin straight edged rubber foam squeegee or thick nap roller continuously after applying **Dr.Fixit TraxTite Anti-Skid Set** mix lightly back roll with a medium pile roller for desire finish
- Wait to cure 30 minutes prior to immediately open to traffic

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4. Sprinkle Method of Application

4.1 Sprinkle Application Mixing

- Apply low speed mixer on Part A (Resin) until homogeneous mix is obtain for 1-2 minutes
- Slowly add Part B (Hardener) into Part A (Resin) container & stir with high speed mixer for 15-30 seconds
- After mixing, apply mix within 5 minutes (depending on air and surface temperatures)
- Part B (Hardener) recommend ratio is as show on 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)	1.0	20 - 25	45 - 50
90°F 32°C)	1.0	5-10	30 - 35

4.2 Sprinkle Application

- Pour Part A (Resin) and Part B (Hardener) thoroughly mixed mix on road surface at approximate coverage of 2.9 kg/sqm (Depends on road surface condition)
- Spread with toothed squeegee or pin rake to a depth of 1.9-2.1 mm on all over prepare area
- Immediately sprinkle 1.5-3 mm Part C (Fine Aggregate) all over **Dr.Fixit Traxtite** mix coated area for approximately 7 kg/sqm
- Apply continuously with either thin nap roller or thick nap roller or thin straight edged rubber foam squeegee immediately after sprinkling Part C (Fine Aggregate) all over **Dr.Fixit Traxtite** coated area for desire finish
- Wait to cure 30 minutes prior to immediately open 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**

6. Cleaning

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

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Technical Information

Properties	Method	Results
Appearance		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%

Package

Package	Part A (Resin)	Part B (Hardener)	Part C (Fine Aggregate)
23.24 kg	16 kg	240 g	7 kg

- 8 colours; White, Yellow, Red, Black, Dark Blue, Green, Orange, Grey

Storage

- Store 3 months in sealed dry container kept away from direct sun light
- Store Part A (Resin) between 10-35°C
- Store Part B (Hardener) not exceeding 25°C
- Store Part C (Fine Aggregate) between 10-35°C

Health & Safety Precautions

- Easy to ignite keep away from flames
- Toxic, avoid inhaling, eating & skin contact
- Avoid eye contact, keep away from children, wear PEE respirator, google, gloves protective clothing during application

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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