

iTraff™ Rapisol
Solvent Based Traffic Paint
Orange

Introduction

iTraff™ Rapisol is a conventional dry (non-heat applied) solvent based Traffic Paint. It is 100% acrylic paint, which offers the following outstanding properties:

Some key Product Features are as follows:

- Faster dry and hardness development
- Less dirt pick-up, improved durability

Recommended Uses

Use over concrete, asphalt, brick and other surfaced highways and parking lots. It can also serve as a binder for glass beads to make reflective type markings. Do not use this product over uncured asphalt surfaces such as commonly found on tennis courts, asphalt driveways and some parking lots

- Parking Lots
- City Roads
- Residential Complexes
- Kerbs
- Plant Maintenance
- Industrial Premises and Shopping Malls

Recommended Spreading Rate:

Wet (Approx.)	200 microns
Dry (Approx.)	100 micron
~Coverage	4.5 - 5 m ² /L

Coverage will vary depending on Surface type and surface condition

Drying Schedule @ 200 microns wet @ 25°C, 50% RH

To touch	: 10 minutes
No traffic pickup after	: 30 minutes

Drying time is temperature, humidity, and film thickness dependent

Specification

Tests	Unit	Typical Values
Color	-	Orange
Finish	-	Smooth
Gloss	-	Egg shell
Volume Solids	%	50 ± 3
Flash Point	° C	> 30
Viscosity at 30°C	KU	80 - 100
Recommended WFT	microns	200
Recommended DFT	microns	100
Theoretical Coverage		
@ 100 microns DFT	Sq. mt/lit.	Approx. 5
Drying Time at 30°C		
Surface dry (to touch)	Minutes	Max 10
Hard Dry	Minutes	Max 30

Directions For Use

- Ensure that the road surface is clean, free from dust, oil and grease
- Wire brushing & water washing is recommended for thorough removal of dust from the surface
- Heavy deposits of earlier paint or thermoplastic should be removed
- The surface should be thoroughly dry and free from moisture
- Surface temperature must be at least 3°C above dew point but not above 50°C
- Do not paint at temperatures below 10 °C or at relative humidity over 85%
- Under cold and humid conditions the paint would require longer drying time
- Two coat application is recommended for optimum performance

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Mixing Conditions

Mix paint thoroughly to a uniform consistency with low speed power agitation prior to use.
If settling is observed in the drum, loosen the settled material with the help of a hand stirrer followed by a power-driven stirrer for quick homogenous mixing.
10% Thinner 9010 could be added before application.

Application Conditions

- Temperature: 4.5°C - 32°C for Air, surface and material.
At least 2.8 °C above the dew point
- Relative Humidity: 85% max
- Methods: Airless and Conventional Spray
- Conventional Spray: Typical
- Airless Spray
- Thinning and cleanup: Thinning

Surface Preparation

Surface must be clean, dry, and in sound condition. Remove all oil, dust, grease, dirt, loose rust, and other foreign material to ensure adequate adhesion.

The presence of concrete sealers or efflorescence of new concrete may interfere with adhesion, and should be removed by extended weathering, etching, or abrasive blasting.

Most previously painted lines may be repainted without additional surface preparation, provided the old paint is still tightly adhered to the surface. However, multiple layers of paint will eventually peel, and will require removal.

New asphalt surfaces should ideally be allowed to age several months before striping. Solvent-based paints may cause bleeding through the paint. Placing an inconspicuous test stripe to determine if the asphalt has aged sufficiently to use solvent paint is recommended. If it is necessary to paint a fresh asphalt surface, use a latex striping paint following the recommended procedures.

Clean Up Instruction

Clean spills and spatters immediately with Xylene or Acetone. Clean tools immediately after use with Xylene or Acetone. Follow safety recommendations when using any solvent.

Storage & Waste Disposal

- Shelf life of unopened material is 12 months when stored in a cool, dry and covered place with minimal agitation
- For industrial/ professional use only.
- Keep away from children.
- Proper agitation and mixing of paint is imperative to ensure proper spray consistency, application results and performance.
- Refer to the SDS sheet before use.
- Make sure lids are properly closed and resealed properly to avoid any spillage during prep work or transportation.
- Strictly comply with all local and federal regulations during storage, application and disposal of paints.

Packaging

- 10 litres MS Drums

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