

iTraff™ ProSol
Solvent Based Kerbs Marking Paint
IS: 164 Grade -Golden Yellow

Introduction

iTraff™ ProSol is a conventional dry (non-heat applied) solvent-based Traffic Paint conforming to IS-164 specifications. It is suitable for oily Concrete and Bituminous surface.

Recommended Uses

Use over concrete, asphalt, brick and other surfaced highways and parking lots. 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 and Dividers
- Plant Maintenance
- Industrial Premises and Shopping Malls

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

Specifications

| Test | Unit | Typical Value |
|---------------------------------------|-------------|---|
| Color | - | Golden Yellow |
| Finish | - | Smooth and Glossy |
| Volume Solids | % | Approx.35 ± 3 |
| Flash Point | ° C | > 30 |
| Viscosity at 30° C (By Ford Cup No.4) | Seconds | 90 -120 |
| Recommended WFT | Microns | 60- 85 |
| Recommended DFT | microns | 24 – 34 |
| Theoretical Coverage (Approx.) | | |
| @ 24 microns DFT | Sq. mt/lit. | 16.6 |
| @ 34microns DFT | Sq. mt/lit. | 11.7 |
| Drying Time at 30°C | | |
| Surface dry (to touch) | Minutes | Max 30 |
| Tack Free | Minutes | Max 60 |
| Hard Dry | - | Overnight |
| Overcoating interval at 30°C | | |
| Minimum | | 18 hrs |
| Maximum | | Extended and applied on dry clean surface |

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.

10-15% **Thinner 7030** could be added before application.

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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: Conventional Spray
- Brush: Suitable for application by brush without any appreciable drag on the brush at Room temperature (21-38°C)
- 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 Instructions

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

- 20 litres MS Drums

Disclaimer

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