

**iTraff™ PRO-AP
Acrylic Waterborne Traffic Paint
IS: 164 Grade - Yellow**

Introduction

iTraff™ PRO-AP is an Acrylic Waterborne, fast drying Traffic Paint conforming to IS-164 specifications designed for Airport Applications. The product dries to no pickup in maximum 60 minutes when properly applied under recommended conditions (refer directions for use)

iTraff™ PRO-AP Traffic Paint has excellent chemical and dirt resistant which provides exceptional adhesion to concrete and asphalt surfaces.

Some key Product Features are as follows:

- Conforms to IS:164-1981 specifications
- Non Flammable
- High visibility
- Ready to use
- Good wear and weathering resistance
- Suitable for direct application on asphalt and concrete roads

Recommended Uses

- Airport Markings
- Temporary Markings
- City and Municipalities Roads
- Parking lots
- Cross Walks

Mixing Conditions

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.

Specification

Tests	Unit	Typical Values
Color	-	Golden Yellow/Traffic Yellow
Gloss	-	Smooth and matt to semi-glossy
Recommended WFT / Coat	Microns	70 -100
Volume Solid	%	Approx. 35
Theoretical Coverage		
@ 25 mic DFT	Sq. mt/lit.	14.0
@ 35 mic DFT	Sq. mt/lit.	10.0
Drying Time at 30°C		
Surface dry	minutes	Max 30
Hard Dry	Minutes	Max 60
Over coating Interval at 30°C		
Minimum	45 minutes	
Maximum	Unlimited, provided surface is dry and clean from all contamination	

Directions For Use

- Ensure that the road surface is clean, free from dust, oil and grease
- Heavy deposits of earlier paint or thermoplastic should be removed
- Wire brushing and water washing is recommended for removal of dust from the road surface
- The surface should be thoroughly dry and free from moisture before painting
- 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

TRAFFIC SAFETY PRODUCTS DIVISION



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Application Conditions

Brush

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

Air Spray

Nozzle Orifice: 1.5 – 3.0 mm
Nozzle Pressure: 0.3 – 0.4 Mpa

Airless Spray

Nozzle Orifice: 0.33 – 0.49 mm
Nozzle Pressure: 12 - 15 Mpa

Note: Municipal or Potable water may be used as thinner between 5 – 20% only if require.

ITS Coatings recommends application using **Graco® Airless Spray Equipments** for best results

Storage & Waste Disposal

- A minimum shelf life of 12 months when stored in a cool, dry and covered place
- For professional use only.
- Keep water-based paints from freezing.
- Keep away from children.
- Proper agitation and mixing of paint is imperative to ensure proper spray consistency, application results and performance.
- 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.

Clean Up Instructions

Clean spills and spatters immediately with soap and warm water. Clean hands and tools immediately after use with soap and warm water. After cleaning, flush spray equipment with mineral spirits to prevent rusting of the equipment. Follow manufacturer's safety recommendations when using mineral spirits.

Packaging

- 20 Litres Plastic Pail

Disclaimer

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