unclear conditions >>
clear indications

iTraff™ Rapide
Acrylic Waterborne Traffic Paint
Red

Introduction

iTraff™ Rapide Traffic Paints are very fast drying acrylic waterborne paints for use in marking parking lots, airports, and roads. These paints may be applied ambient airless or conventional, or may be heated for even faster dry. This paint dry to no pickup in less than 20 minutes when properly applied at ambient conditions. It is user friendly, high solids, traffic marking paint and offers all of the benefits of a water reducible paint, and quickly dries to a no track condition in 20 minutes or less making it an ideal striping product for roadways, airfields and even parking lots.

This waterborne acrylic paint has excellent chemical and dirt resistant which provides exceptional adhesion to concrete and asphalt surfaces.

Some key Product Features are as follows:

- Non Flammable
- High visibility
- Ready to use
- Longer glass beads retention
- Good wear and weathering resistance
- Suitable for direct application on asphalt and concrete roads

Recommended Uses

For marking parking lots, curbs, and other areas when very fast dry times are not critical, and water based or low VOC coatings are required or desired.

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

Recommended Spreading Rate:

Wet (Approx.)	375 microns
Dry (Approx.)	212 microns
~Coverage	2.4- 2.7 m^2/L

Coverage will vary depending on Surface type and surface condition

Drying Schedule @ 375 microns wet @ 25°C, 50% RH

To touch : 10-20 minutes
No traffic pickup after : 45 minutes
Drying time is temperature, humidity, and film thickness dependent

Specifications

Tests	Unit	Typical Values
Color	-	Red
Gloss	-	Matt
Volume Solids	%	Min 60
Recommended WFT / Coat	microns	100 - 1000
Theoretical Coverage		
@ 300 mic (11.8 mils)	Sq. mt/lit.	2.1
@ 375 mic (14.8 mils)	Sq. mt/lit.	1.5
Drying Time at 30°C		
Surface dry	minutes	10 - 20
Recommended drop on Glass Beads	-	As per BS 3262 / FAA
Viscosity	KU	75 – 90
White Reflectance (Y value)	-	Min 84
Yellow Reflectance (Y value)	-	Min 50
Hiding at 127 microns wet	-	Min 92
Weight % Pigment Solids	%	60 ± 2

Directions For Use

- Ensure that the road surface is clean, free from dust, oil and grease
- For thorough removal of dust from the surface; wire brushing & water washing is recommended
- 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 60°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

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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.

Application Conditions

- The product is formulated for air / airless spray application only. The equipment selected i.e. all the tanks, spray gun, piping, valves, strainers etc. should be grade 304 stainless steel or higher. Confirm the compatibility of the selected equipment with the machine supplier prior to commencement of operations
- While thinning is normally not recommended, if required thin sparingly with water. When spraying, prevent air from entering the material system
- Typically, 350 gms / sqm glass beads are required. The glass beads must be immediately dropped at appropriate pressure for optimum penetration in the stripe thereby ensuring long term retroreflectivity. The glass beads of the specified diameter should only be used. Smaller diameter glass beads would imply the need for a lower WFT thereby reducing the effective service life of the coating
- The equipment must be cleaned immediately after use. Tanks, lines and gun should be thoroughly cleaned using clean water. Any paint that has dried and doesn't readily wash with water can be removed using ketonic solvents

Clean Up Instructions

Clean spill 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.

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.

Packaging

- 20 Kgs Pails
- 200 Kgs Drums

Disclaimer

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