

itcoprime™
Primer for Thermoplastic Traffic Markings

Introduction

itcoprime™ is a specially formulated adhesive/ primer recommended for application on concrete and asphalt road surface prior to the application of thermoplastic material.

itcoprime™ serves as the binder between the road surface and the newly laid thermoplastic road marking material. It enhances the adhesion of Thermoplastic markings to surface and serves as moisture barrier. It also helps building the service life of the markings on the road longer.

Features

- Improves the adhesion of thermoplastic to the roadway surface, especially for concrete and worn asphalt.
- Excellent moisture barrier
- Longer shelf life
- Can be applied by spraying, brushing or by roller
- No thinning for application

Physical Properties

Tests	Unit	Specification
Appearance	-	Pale Yellow Liquid
Specific Gravity @ 30°C	gm/cc	0.90 ± 0.02
Viscosity by Ford cup B4 @ 30°C	Seconds	20 ± 5
Typical Properties (Will not be reported on COA)		
Solid Content	%	30 ± 2
Dry time, Surface dry	Minutes	Max. 20
Dry time, Tack Free/recoat	Minutes	Max. 30

Theoretical Coverage

- At wet film thickness of 25 microns = approx. 39 square meters per litre
- At wet film thickness of 50 microns = approx. 20 square meters per litre

Recommended Uses

- Concrete - Parking Lots, Roads, Runways, Airports, Warehouses, Safety Zones, & Crosswalks.
- Asphalt – All markings on aged asphalt

Application Conditions

- Before applying coatings ensure the surface is clean and dry. Also, it should be free of oil, grease, gasoline and moisture
- Substrate temperature should be above 10 °C and less than 80 % humidity

Packaging

20 litres MS drum

Storage

Store containers tightly closed in a dry and cool place at a temperature below 30°C (86°F), away from any source of fire or sparks

Shelf Life

Best utilized within 6 months of delivery but remains stable for 12 months if unopened and store as recommended

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