

Technical Data Sheet

JAZEERA ROAD MARKING PAINT

JI-57002

Description:

A high quality fast drying road marking paint based on styrenated alkyd and chlorinated rubber. specially developed to be applied on asphalt and concrete surfaces.

Recommended Use:

Recommended to use as a road marking paint, for runways, parking lots and pavements on asphalt and concrete surfaces. It can be used with or without glass beads.

Characteristics:

- Excellent adhesion to asphalt and concrete surfaces.
- Excellent resistance to abrasion and scratch.
- High flexibility and hardness.
- Excellent color retention.
- Fast drying.

Certificates:

- Designed according to Federal Specifications TT-P-115E.
- Meets MPI Standard #32.

Physical Constants:

• Finish:	Sheen.	
• Color:	Yellow, white, Red (As per product catalog)	
• Volume Solid:	56.8%.	ASTM D2697
• Viscosity:	85 KU @ 25°C	ASTM D562
• Specific Gravity:	1.50	ASTM D1475
• D.F.T:	250 - 300 μm each coat	
• Theoretical Spreading Rate:	2.27 m ² / ltr @250 μm DFT	
• Consumption of glass beads:	10-12.5 kg / Drum of "Jazeera Road Marking Paint" approximately.	

Tests:

• Bending:	Pass, 3 mm. Diameter	ASTM D522.
• Adhesion:	Pass	ASTM D3359.
• Impact	Pass, 1 kg. / 1 meter / 16.3 mm.Diameter	ASTM D2794.
• Water Resistance:	Pass	ASTM D870.
• Chemical Resistance:	Pass	ASTM D1308.
• Flash Point:	4°C.	
• VOC:	380 g/ ltr.	

Surface Preparation:

- The surface must be treated by removing all forms releaseand protrusions to get a suitable surface for application.
- Remove old paint from surfaces completely.
- Make sure that the surface is clean , dry , free from dust, oil, grease, salt and mold.

Application Guide:

- 1.Paint should be stirred carefully before use.
- 2.A suitable quantity of "**Jazeera Thinner 505**". can be added to get reasonable viscosity for application.
- 3.Do not apply on wet and moistened surfaces until get completely dry.
- 4.For light reflection; addition of glass beads is recommended, which should be sprinkled into wet paint surface by the "**dropon**" method.

Technical Data Sheet
JAZEERA ROAD MARKING PAINT
JI-57002

APPLICATION CONDITIONS:

- Application temperature should be more than (5°C) & maximum 40°C.
- Surface temperature should be at least (3°C) above dew point.
- Relative humidity: maximum 85%.

Application Tools:

Air spray: Recommended nozzle size: (1.5 - 1.8) mm.

Airless spray: Recommended nozzle size (0.015-0.021)

Nozzle pressure: 15 MPa / 2175 psi.

Spray angle : 40-80°

Roller : Recommended type: Soft and smooth woolen roller.

Brush. : General / Normal type.

Thinner:

Jazeera Thinner 505.

Thinning Ratio:

- (5 - 10) % by volume for air spray applications.
- (0 - 2) % by volume for airless spray applications
- (0 - 5) % by volume for roller & brush applications.

Depends on the weather conditions at work place.

Painting System:

- Apply one coat of "Jazeera Road Marking Paint" according to recommendations.

Drying Time and Recoating:

Surface Dry 10 minutes.

Open to traffic 2 hours.

Hard dry 16 hours.

Recoating interval : 2 hours. (minimum)

All above test results according to ASTM D5895@25OC

Cleaning Tools:

Jazeera Thinner 505.

Packing:

US Gallon.

Drum 18.00 Ltr.

Technical Data Sheet
JAZEERA ROAD MARKING PAINT
J1-57002

Shelf Life & Storage:

Shelf life : 12 months @ 25 °C.

Storage: The container should be kept in sealed, dry, cool, well -ventilated place and stored in accordance with national regulations.

Safety Precautions:

Please read and follow the precautionary notices displayed on the container, and all caution statements on the MSDS of this product.

- Handle with care before and during use.
- During application of paint, contact of liquid paint with eyes, skin, inhalation of paint mist and paint vapour, should be strongly avoided.
- When working with paint in in-sufficient ventilated areas, forced ventilation should be provided. For spray application system, eye, skin, respiratory protection are always recommended.
- Keep away from the reach of children.
- For environmental safety: please donate the leftover paint and packaging to your local authorized institution for usage or recycling .
- Note: Wastes and empty containers should be disposed of in accordance with local regulations made under the Control of Pollution Act and the Environmental Protection Act.