



G. L. € Paints  
دهانات جي .إل . إي

## Technical Product Specifications Road Marking PAINTS

ROAD PAINTS

### PRODUCT DESCRIPTION

High quality, fast drying road marking paint, based on alkyd resins and chlorinated rubber, available in yellow, white and red.

### PRODUCT CHARACTERISTICS

- Excellent adhesion to concrete and asphalt surfaces.
- Excellent abrasion and scratch resistance.
- High flexibility and toughness.
- Excellent color fastness.
- Quick drying.

### RECOMMENDED USE

- Suitable for concrete and asphalt surfaces.

### TYPE OF SURFACE

Suit concrete and asphalt surfaces .

### TECHNICAL SPECIFICATION

Final Appearance	Light GLOSS
Viscosity	115 ± 5 Kreps (at 25°C temperature and %50 humidity) according to (ASTM D(2014) 10-562)
Density	1.5 ± 0.05gm/cm <sup>3</sup> (at 25°C temperature and %50 humidity). according to (ASTM D13-1475)
Solids by Volume	%2 ± 56
Service start time (for traffic)	30 min

### METHOD OF APPLICATION

Diluent	Hot Thinner depending on the weather and tools used.
% Dilution (by volume)	(0-10%)
Tools	Roller, Brush, Sprayer

### FILM THICKNESS AND SPREADING RATE

	Min. Thickness	Max. Thickness	Average
Dry Film Thickness in Micron	70	100	85
Non-Dry Film Thickness in Micron	125	178.5	151.75
Theoretical Spreading Rate (m <sup>2</sup> /liter)	5 - 8		6.5



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### DRYING TIME

Generally, drying time depends on air draft, temperature, film thickness, selected colors, and number of coats.  
Data in schedule is measured at 25°C temperature and %50 humidity .

Surface Drying	10 min approximately
Re-coating	3 hours approximately
Full drying	8 hours

### RECOMMENDED COATING SYSTEM

All surfaces (new and old) should be clean and free from dust, oil, fat...etc.

### CONDITIONS OF APPLICATION

- Old paint must be completely removed from previously painted surfaces.
- The surface must be solid and free of holes, gouges, bumps and any fragile areas.
- You must ensure that the surface is clean, dry and free of excesses, dirt, dust, grease, oils, salts .
- Treat small cracks and holes with a suitable filler before starting to paint.
- The paint must be stirred well before use.
- A sufficient amount of hot thinner can be added to obtain the appropriate viscosity.
- Do not paint the next layer unless the previous layer is completely dry.

### Coating system

- One coat of Road Marking directly on the surface.

### GENERAL NOTES

- 1 - Actual spreading rate depends on many factors like surface condition, effectiveness of application tool, film thickness, surface porosity, surface defects, temperature and quantity lost during application...etc.
- 2 - Maximum spreading rate for one coat may be realized by minimizing the dry film thickness, and vice versa.
- 3 - Paint should be mixed before use if it is made of different batches.

### STORAGE

- Two years from the date of production, provided that appropriate storage conditions are observed .
- The product should be stored in a cool, well-ventilated place away from sunlight and direct heat .
- Containers must be tightly closed after use .

### Instructions for use and safety

- Please read and follow the health and safety instructions on the package .
- The product must be handled with caution before and during application .
- Avoid contact of the paint with the eyes and skin or inhale its spray and vapors during application .
- It is advisable to use the product in well-ventilated places or use artificial ventilation when applying with a spray .
- Keep out of reach of children .

### For the safety of the environment:

Please hand over the waste paint and surplus packaging to any local authorized authority for the purpose of use or recycling.

### CLARIFICATION

The information in this Technical Specification is given to the best of our knowledge.

It is based on laboratory tests and practical experience.

Golden line paints & putty company takes no responsibility for consequences of breaching the instructions.

The Company reserves the right to change data herein without notice. Version: 2024, Golden Line paints & putty company.

This version supersedes prior versions .



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