



G. L. € Paints
دهانات جي.إل.إي

Technical Product Specifications THERMOPLASTIC 108 ROAD PAINT

ROAD PAINTS

PRODUCT DESCRIPTION

A quick-drying paint based on high-quality ACRYLIC THERMOPLASTIC, specially formulated to suit concrete and asphalt surfaces. Available white, yellow & other colors .

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

It is used as a paint for traffic guidance on roads, marking floors, runways, parking lots, and sidewalks on concrete and asphalt surfaces. It can also be used with or without glass granules as desired.

TYPE OF SURFACE

Suit concrete and asphalt surfaces .

TECHNICAL SPECIFICATION

Final Appearance	Quarter- Gloss
Viscosity	85 ± 5 Kreps (at 25°C temperature and %50 humidity) according to (ASTM D(2014) 10-562)
Density	1.5 ± 0.05gm/cm ³ (at 25°C temperature and %50 humidity). according to (ASTM D13-1475)
Solids by Volume	%2 ± 56
Service start time (for traffic)	2 hours

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	155.5	222.22	188.88
Theoretical Spreading Rate (m ² /liter)	4.5 - 6.4		5.45



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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	2 hours approximately
Full drying	2 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.

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 .



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SAFETY BREATHING APPARATUS

Where workers encounter concentrations higher than the exposure limits, they must wear suitable, approved masks.

HAND PROTECTION

Protective creams may be used for exposed skin, but they should not be applied after contact with the product. In the event of the prolonged or repeated contact with the hands, use appropriate gloves.

EYE AND FACE PROTECTION

Use eye protectors designed to protect against liquid splashes.

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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