



G. L. € Paints
دهانات جي.إل.إي

Technical Product Specifications AFRW 100 PAINTS

Road marking paints

PRODUCT DESCRIPTION

This is a high-quality water-based plastic paint made from %100 pure acrylic, specifically designed for pavements and curbs. It features high durability and excellent resistance to weather conditions and is available in white, yellow, black, and other colors..

PRODUCT CHARACTERISTICS

- Excellent color stability.
- Excellent resistance to wear and scratching.
- High flexibility and hardness.
- Quick drying.
- High coverage rate.
- Excellent adhesion on concrete surfaces and pavements.

TYPE OF SURFACE

Suitable for concrete and asphalt surfaces and pavements.

TECHNICAL SPECIFICATION

Final Appearance	Semi-Glossy
Viscosity	125 ± 5 Kreps (at °25C temperature and %50 humidity) according to (ASTM D2014) 10-562)) for base
Density	1.20 ± 0.05 gm/cm ³ (at °25C temperature and %50 humidity). according to (ASTM D13-1475) for base
Solids by Volume	%2 ± 33
Wash resistance	More than 20,000 wash cycles

METHOD OF APPLICATION

Diluent	water
% Dilution (by volume)	(10 - 15)
Tools	roller - brush - spray gun

FILM THICKNESS AND SPREADING RATE

	Min. Thickness	Max. Thickness	Average
Dry Film Thickness in Micron	30	40	35
Non-Dry Film Thickness in Micron	90.9	121.2	106.6
Theoretical Spreading Rate (m ² /liter)	8 - 11		9.43



G. L. € Points
دهانات جي.إل.إي

Technical Product Specifications AFRW 100 PAINTS

Road marking paints

DRYING TIME

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

Surface drying: 10 minutes
(minimum) Re-coating: 3 hours
(minimum) Full drying: 8 hours

RECOMMENDED COATING SYSTEM

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

New surfaces:

- 1 Coat Primer G - 101 .
- 2 Coat AFRW 100 PAINTS .

CONDITIONS OF APPLICATION

- Old paint must be completely removed from previously painted surfaces.
- The surface must be solid and free from holes, bumps, and any fragile areas.
- It must be ensured that the surface is clean, dry, and free from excess material, dirt, and dust.
- Small cracks and holes should be treated with a suitable filler before starting the painting, for example (exterior putty).
- The paint should be stirred well before use.
- Do not apply the next coat until the previous one is completely dry.
- The temperature during application should not be less than °5C and the surrounding relative humidity should not exceed %70.
- The alkalinity of the surface should be a maximum of °9C.

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



G. L. € Points
دهانات جي.إل.إي

Kingdom of Saudi Arabia - Riyadh - Tel : 0553201818 - 0112987774

For more information email us at : info@glepaints.com Or sales@glepaints.com

www.glepaints.com