G. L. E Paints
دهانات جي.إل.إي

Technical Product Specifications
Primer G - 101

PRODUCT DESCRIPTION
High quality external primer, made of acrylic polymer 100% .

PRODUCT CHARACTERISTICS
- Excellent ability to penetrate painted surfaces and good adhesion strength.
- High resistance to water and alkali.
- Good surface preparation to prepare the following layers.
- Ease of application.

RECOMMENDED USE
Suits outdoor applications.

TYPE OF SURFACE
Concrete, cement, gypsum... Etc.

TECHNICAL SPECIFICATION

Final Appearance	**Matte**
Viscosity	**115± 5 Kreps (at °25C temperature and %50 humidity) according to (ASTM D2014) 10-562))**
Density	**1.50 ± 0.05 gm/cm3 (at °25C temperature and %50 humidity). according to (ASTM D13-1475)**
Solids by Volume	**36± 2%**
Flash Point	**Non inflammable**

METHOD OF APPLICATION

Diluent	**water**
% Dilution (by volume)	**(10 - 15%)**
Tools	**Roller, Brush, Sprayer**

FILM THICKNESS AND SPREADING RATE

	Min. Thickness	Max. Thickness	Average
Dry Film Thickness in Micron	**30**	**40**	**25**
Non-Dry Film Thickness in Micron	**93.75**	**125**	**109.3**
Theoretical Spreading Rate (m2/liter)	**11 . 3**	**8 . 5**	**9 . 9**

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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 °25C temperature and %50 humidity .

Surface Drying	2 hours approximately
Re-coating	18 hours approximately
Full Dry	24 hours

RECOMMENDED COATING SYSTEM

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

FOR NEW SURFACES

• 1 Coat Primer G - 101 .

FOR OLD SURFACES

• After sandpapering, clean the surface properly with suitable detergent and water.

• 1 Coat Primer G - 101 .

CONDITIONS OF APPLICATION

• Temperature of surface to be painted should not be lower than °10C and °3C above dew point.
Appropriate air temperature and humidity should be observed.

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