G. L. E Paints
دهانات جي.إل.إي

# Technical Product Specifications
# Putty G - 500

## PRODUCT DESCRIPTION
Putty G - 505 is a premium-quality putty made of acrylic copolymer with special additives.

## PRODUCT CHARACTERISTICS
- Excellent whiteness.
- Excellent with sand ability.
- Provides a very smooth layer.
- High consistency and ease of application.
- Excellent ability to fill porous surfaces and small holes.

## RECOMMENDED USE
Suits indoor applications.

## TYPE OF SURFACE
Concrete, Cementitious, and Gypsum surfaces, etc.

## TECHNICAL SPECIFICATION

| | |
|---|---|
| **Final Appearance** | **Matte** |
| **Viscosity** | **340 ±10 gm/cm2 (at °25C temperature and %50 humidity) according to (ASTM D2014) 10-562))** |
| **Density** | **1.73 ± 0.05 gm/cm3 (at °25C temperature and %50 humidity). according to (ASTM D13-1475)** |
| **Solids by Volume** | **54± 2%** |
| **Flash Point** | **Non inflammable** |

## METHOD OF APPLICATION

| | |
|---|---|
| **Diluent** | **water** |
| **% Dilution (by volume)** | **As needed** |
| **Tools** | **Putty knife and Steel Malg** |

## FILM THICKNESS AND SPREADING RATE

| | Min. Thickness | Max. Thickness | Average |
|---|---|---|---|
| **Dry Film Thickness in Micron** | **95** | **140** | **117.5** |
| **Non-Dry Film Thickness in Micron** | **179.25** | **264.15** | **221.7** |
| **Theoretical Spreading Rate (m2/liter)** | **2-3** | | **2.75** |

G. L. E Paints
دهانات جي.إل.إي

# Technical Product Specifications
# Putty G - 500

## 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** | **30 minute approximately** |
| **Re-coating** | **2 hours approximately** |

## RECOMMENDED COATING SYSTEM

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

## FOR NEW CEMENTITIOUS, CONCRETE AND GYPSUM SURFACES

- 1 Coat Primer G - 100 .
- 3 - 2 Coat putty G - 500 .

## FOR OLD SURFACES

- After sandpapering, clean the surface properly with suitable detergent and water.
- 1 - 2 Coat putty G - 500.

## 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