



G . L . € Paints
دهانات جي . إل . إي

Technical Product Specifications Epoxy CLAER

Industrial paints

PRODUCT DESCRIPTION

Epoxy TOP COAT is a two-component solvent based epoxy resin and polyamide hardener. Once cured it provides a UV and scratch resistance with excellent adhesion to surface (concrete, ceramic, wood, steel). Available in white & other colors.

PRODUCT CHARACTERISTICS

- Easy and fast application.
- Good adhesion to surfaces.
- Solvent and chemical resistance
- Outstanding abrasion resistance
- UV, scratch & slip finish resistance.

RECOMMENDED USE

Suits indoor and outdoor applications .

TYPE OF SURFACE

Wooden, Concrete, Ceramic. Cementitious and steel surfaces .

TECHNICAL SPECIFICATION

Final Appearance	Matt- Semi-gloss - Glossy
Viscosity	80± 5 Kreds (at °25C temperature and %50 humidity) according to (ASTM D2014) 10-562))
Density	1.02 ± 0.05 gm/cm3 (at °25C temperature and %50 humidity). according to (ASTM D13-1475)
Solids by Volume	73± 2
POT LIFE	4 hours at °25C

METHOD OF APPLICATION

Diluent and % of Diluent (by volume)	Aromatic Thinner (10 - 20 %)
Mixing Ratio	4 Part A: 1 Part B by weight
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	95.8	136.9	116.35
Theoretical Spreading Rate (m2/liter)	7.3 - 10.4		8.85



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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 CEMENTITIOUS & CONCRETE SURFACES

- 1 Coat Epoxy PRIMER.
- 1 - 2 Coat Epoxy CLEAR

FOR NEW METALLIC SURFACES

- 1 Coat Epoxy PRIMER.
- 1 - 2 Coat Epoxy CLEAR

FOR NEW WOODEN SURFACES

- 1 Coat Epoxy PRIMER.
- 1 - 2 Coat Epoxy CLEAR

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 .
- Mix tow components by mix ration of 4 part A : 1 Part B for 5 mins until completely homogeneous by low-speed mixer .
- 10-%20 thinner can be added to the mixture · Apply mixture by roller or spray .
- A second layer can be applied after first layer dries .

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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