



G . L . € Paints  
دهانات جي . إل . إي

## Technical Product Specifications EPOXY WATER TANKS

Industrial paints

### PRODUCT DESCRIPTION

A high quality two component tank lining coating, solvent free epoxy, specially designed for drinking water tanks. It has excellent resistance to corrosion.

### PRODUCT CHARACTERISTICS

- Safe and suitable for potable water.
- Excellent resistance to water.
- Excellent resistance to corrosion and impact.
- Smooth, gloss and easy to clean.
- Solvent free.
- Self-priming

### RECOMMENDED USE

Designed as a self-priming high build finish for internal lining of potable water storage tank .

### TYPE OF SURFACE

Suitable for tanks and water treatment plants .

### TECHNICAL SPECIFICATION

<b>Final Appearance</b>	<b>Semi-gloss</b>
<b>Color</b>	<b>White &amp; Other colors.</b>
<b>Density</b>	<b>1.77 gm/cm<sup>3</sup> (at °25C temperature and %50 humidity) according to (ASTM D13-1475)</b>
<b>Solids by Volume</b>	<b>68± 2%</b>
<b>POT LIFE</b>	<b>30 min at 25°C</b>

### METHOD OF APPLICATION

<b>Diluent and % of Diluent ( by volume )</b>	<b>Not Recomend</b>
<b>Mixing Ratio</b>	<b>4 Part A: 1 Part B by weight Base and hardener should be mixed thoroughly before use</b>
<b>Tools</b>	<b>Roller, Brush, Sprayer</b>

### FILM THICKNESS AND SPREADING RATE

	<b>Min. Thickness</b>	<b>Max. Thickness</b>	<b>Average</b>
<b>Dry Film Thickness in Micron</b>	<b>100</b>	<b>150</b>	<b>125</b>
<b>Non-Dry Film Thickness in Micron</b>	<b>147.05</b>	<b>220.58</b>	<b>183.81</b>
<b>Theoretical Spreading Rate (m<sup>2</sup>/liter)</b>	<b>4.5 - 6.8</b>		<b>5.65</b>



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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 (for white color)	3 hours approximately
Re-coating (for white color)	6 hours approximately
Full Dry	7 days

### RECOMMENDED COATING SYSTEM

All surfaces should be clean, dry and free from contamination.

The surface should be assessed and treated in accordance with ISO 8504.

Oil or grease should be removed in accordance with SSPC-SP1 solvent cleaning.

### CONDITIONS OF APPLICATION

- Temperature of surface to be painted should not be lower than 10°C and 3°C 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 .
- 20%-10 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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Kingdom of Saudi Arabia - Riyadh - Tel : 0553201818 - 0112987774

For more information email us at : [info@glepaints.com](mailto:info@glepaints.com) Or [sales@glepaints.com](mailto:sales@glepaints.com)

[www.glepaints.com](http://www.glepaints.com)